

INDEX TO VOLUME XI, 1952

* indicates that only the title of the article is given

- Acid, acetylsalicylic, in acute rheumatism, 318
 —, ascorbic, interaction of, with cortisone, 119
 —, lactic, injection in osteo-arthritis, 278
 ACTH in anaemia of arthritis, 257
 — in arthritis, rheumatoid, 70
 —, —, with Addison's disease, 225
 —, assay of potency, 69
 —, clinical reports, 175, 213
 — in gout, 71
 — and GSH levels, 293
 — and histology of synovium, 144
 — and iron absorption, 316
 —, responsiveness to, 70
 — in rheumatism, acute, 318
 —, side effects of, 72
 — in spondylitis, ankylosing, 71
 — in Still's disease, 71
 — and supra-renal cortex, symposium, 173
 — in tumour of hand, 288
 — in U.S.A., 72
 Addison's disease and rheumatoid arthritis, ACTH, cortisone, and DOCA in, 225
 Adenopathy in arthritis, 269
 Adrenal cortex and hormone therapy, 308
 —, symposium, 173
 Agglutination test, sheep cell, in rheumatoid arthritis, 97
 *ALDES, J. H., 232
 Alkaline procaine injection in osteo-arthritis, 278
 American Heart Association, Council on Rheumatic Fever and Congenital Heart Disease, Panel Discussion, 318
 American Rheumatism Association, Proceedings of Annual Meeting, 1952, 294
 Aminopyrin in Butapyrin, 299
 Amsterdam Rheumatism Clinic, 231
 Amyloidosis, pathogenesis of, 119
 Anaemia of arthritis, 162
 —, —, ACTH and cortisone in, 257
 —, —, iron absorption in, and hormone therapy, 316
 *ANDERSON, R. C., 325
 Angina pectoris and peri-arthritis of shoulder, 3
 Ankle joints, arthritis in, 200
 ANSELL, B., 69
 — and BYWATERS, E. G. L.: Clinical "assay" of corticotrophin, 213
 ANTROPOL, W., *233
 ARMATO, A., 301
 Arthralgia in periarteritis nodosa, 152
 Arthritis, anaemia of, 162
 —, —, ACTH in, 257
 —, —, cortisone in, 257
 —, —, iron absorption and hormone therapy, 316
 —, Butapyrin in, 297
 —, Phenylbutazone in, 296, 297
 —, gouty, pituitary-adrenal axis in, 295
 —, —, intravenous colchicine in, 325*
 —, haemophilic, 317
 —, juvenile: See Still's disease
 —, rheumatoid, ACTH in, 70, 213, 305, 316
 —, —, with Addison's disease, ACTH, cortisone, and DOCA in, 225
 —, —, and amyloidosis, 119, 175
 —, —, blood glutathione sulphydryl levels in, 292
 —, —, —, lipid fractions in, and cortisone, 325*
 —, —, contractures in, 196
 —, —, cortisone in, 70, 300, 305, 306, 316, 325* *quater*
 —, —, creatine metabolism in, 17
 —, —, familial incidence of, 39
 —, —, gamma globulin specificity in, 301
 —, —, gold treatment of, 17, 306
 —, —, hormone therapy in, 305, 308
 —, —, — and gold therapy in, 306
 —, —, hyaluronidase inhibition in, 272
 —, —, hydrocortisone in, 301 *bis*
 —, —, — acetate in, 112
 —, —, insulin hypoglycaemia in, 36
 —, —, intra-articular injections in, 280
 —, —, and menopause, 36
 —, —, movement treatment, 196
 —, —, and neutral 17-ketosteroid excretion, 206
 —, —, placental "serum" in, 203
 —, —, primaquine in, 310
 —, —, radiological diagnosis in the male, 264
 —, —, rehabilitation in, 196
 Arthritis, rheumatoid, sheep cell agglutination test in, 97, 101
 —, —, —, symptomatology, evaluation of, 273
 —, —, —, synovial tissue biopsies in, 137
 —, —, —, sweat from hands in, 57
 —, —, —, thiouracil in, 47
 —, —, —, and tumour of hand, 288
 Arthropathy, psoriatic, placental "serum" in, 205
 Arthroplasty of hip, case reports, 175
 ASHTON, N., 69
 ASTWOOD, E. B., *74, 173, 174
 ATERMAN, K., 174
 Australian Rheumatism Council, First Annual Report (1949-50), 177
 *BACH, F., 232
 Back, low, pain in, 30
 *BAGNALL, A. W., 325
 BALDWIN, J. S., 310
 BALL, J.: Sheep cell agglutination test for rheumatoid arthritis, 97
 BARKIN, R. E., 316 *bis*
 BARTER, R. W.: Familial incidence of rheumatoid arthritis and acute rheumatism in 100 rheumatoid arthritics, 39
 BASSETT, S. H., 295
 BATTERMAN, R. C., *233
 BAUER, W., 305, 306, 316
 BAYLES, T. B., 301, 308
 BAYLISS, R. I. S., 324
 Belgium, rheumatism studies in, 66, 322
 *BELLOW, M. T., 318
 Benemid, effects of, 294
 BENNETT, G. A., 295, 300, 301
 BERESFORD, O. D.: Osteophytosis of the lumbar spine: a comparison between the incidence in Saskatchewan, Canada, and Bristol, England, 289
 BERKOWITZ, S., *233, 296
 BIDMEAD, D. S.: See WATSON, D., BIDMEAD, D. S., and KERSLEY, G. D.
 BILKA, P. J., 304
 Biochemical abnormalities in rheumatism, 68
 Biopsy, interpretation of, 69, 137
 BISHOP, C., 294
 Blood counts in anaemia of arthritis during hormone therapy, 258
 —, glutathione sulphydryl level, in arthritis, 292
 —, studies of, in rheumatoid arthritis, 162, 325*
 Bone marrow in anaemia of arthritis during hormone therapy, 258
 BOOK REVIEWS:
 ARTHRITIS AND RHEUMATISM FOUNDATION OF NEW YORK: Home care in rheumatoid arthritis, 1951, 63
 CANADIAN ARTHRITIS AND RHEUMATISM SOCIETY: Handbooks for Patients: (1) What you should know about arthritis; (2) Rheumatoid Arthritis, 1952, 320
 DERBES, J., and WEISS, T. E.: Untoward reactions of cortisone and ACTH, 1952, 231
 FLETCHER, E.: Medical disorders of the locomotor system, 2nd ed., 1951, 62
 FORESTIER, J., JACQUELINE, F., and ROTES-QUEROL, J.: La spondylarthrite ankylosante, 1951, 63
 JAEGER, F.: Der Bandscheibenvorfall (Nucleus Pulposus und Discus-Hernie), 1951, 230
 MERCK and Co.: The Merck Index, 6th ed., 1952, 320
 RODGER, D. E., and MILLER, G. M.: Arthritis and rheumatism—the patient's guide to treatment, 1952, 320
 SCHLIEPHAKE, E.: Kurzwellentherapie, 5th ed., 1952, 319
 SELYE, H.: First annual report on stress, 1951, 179
 —: The story of the adaptation syndrome, 1952, 230
 SWISS ACADEMY OF MEDICAL SCIENCES: Symposium on the influence of the hypophysis and the adrenal cortex on biological reactions, 1952, 179
 VOGT, H., and AMELUNG, W.: Einführung in die Balneologie und medizinische Klimatologie, 1952, 230
 BOYCE, K. C., 297
 *BOYD, E., 325
 BRACHMAN, P., 301
 BRAIN, R., 175
 British Medical Association, Research Scholarships, 321
 BROSTER, L. R., *74, 174
 BROWN, E. M., 301, 304
 BRUCE, J., and MACKAY, R.: Gold therapy and neutral 17-ketosteroid excretion in rheumatoid arthritis, 206
 BUNIM, J. J., *233, 299, 301, 317
 —: See SIMSON, J., and BUNIM, J. J.
 BURT, H., *232
 Butapyrin in arthritis, 297

INDEX TO VOLUME XI, 1952

* indicates that only the title of the article is given

- Acid, acetylsalicylic, in acute rheumatism, 318
 —, ascorbic, interaction of, with cortisone, 119
 —, lactic, injection in osteo-arthritis, 278
 ACTH in anaemia of arthritis, 257
 — in arthritis, rheumatoid, 70
 —, —, with Addison's disease, 225
 —, assay of potency, 69
 —, clinical reports, 175, 213
 — in gout, 71
 — and GSH levels, 293
 — and histology of synovium, 144
 — and iron absorption, 316
 —, responsiveness to, 70
 — in rheumatism, acute, 318
 —, side effects of, 72
 — in spondylitis, ankylosing, 71
 — in Still's disease, 71
 — and supra-renal cortex, symposium, 173
 — in tumour of hand, 288
 — in U.S.A., 72
 Addison's disease and rheumatoid arthritis, ACTH, cortisone, and DOCA in, 225
 Adenopathy in arthritis, 269
 Adrenal cortex and hormone therapy, 308
 —, symposium, 173
 Agglutination test, sheep cell, in rheumatoid arthritis, 97
 *ALDES, J. H., 232
 Alkaline procaine injection in osteo-arthritis, 278
 American Heart Association, Council on Rheumatic Fever and Congenital Heart Disease, Panel Discussion, 318
 American Rheumatism Association, Proceedings of Annual Meeting, 1952, 294
 Aminopyrin in Butapyrin, 299
 Amsterdam Rheumatism Clinic, 231
 Amyloidosis, pathogenesis of, 119
 Anaemia of arthritis, 162
 —, —, ACTH and cortisone in, 257
 —, —, iron absorption in, and hormone therapy, 316
 *ANDERSON, R. C., 325
 Angina pectoris and peri-arthritis of shoulder, 3
 Ankle joints, arthritis in, 200
 ANSELL, B., 69
 — and BYWATERS, E. G. L.: Clinical "assay" of corticotrophin, 213
 ANTROPOL, W., *233
 ARMATO, A., 301
 Arthralgia in periarteritis nodosa, 152
 Arthritis, anaemia of, 162
 —, —, ACTH in, 257
 —, —, cortisone in, 257
 —, —, iron absorption and hormone therapy, 316
 —, Butapyrin in, 297
 —, Phenylbutazone in, 296, 297
 —, gouty, pituitary-adrenal axis in, 295
 —, —, intravenous colchicine in, 325*
 —, haemophilic, 317
 —, juvenile: See Still's disease
 —, rheumatoid, ACTH in, 70, 213, 305, 316
 —, —, with Addison's disease, ACTH, cortisone, and DOCA in, 225
 —, —, and amyloidosis, 119, 175
 —, —, blood glutathione sulphydryl levels in, 292
 —, —, lipid fractions in, and cortisone, 325*
 —, —, contractures in, 196
 —, —, cortisone in, 70, 300, 305, 306, 316, 325* *quater*
 —, —, creatine metabolism in, 17
 —, —, familial incidence of, 39
 —, —, gamma globulin specificity in, 301
 —, —, gold treatment of, 17, 306
 —, —, hormone therapy in, 305, 308
 —, —, and gold therapy in, 306
 —, —, hyaluronidase inhibition in, 272
 —, —, hydrocortisone in, 301 *bis*
 —, —, acetate in, 112
 —, —, insulin hypoglycaemia in, 36
 —, —, intra-articular injections in, 280
 —, —, and menopause, 36
 —, —, movement treatment, 196
 —, —, and neutral 17-ketosteroid excretion, 206
 —, —, placental "serum" in, 203
 —, —, primaquine in, 310
 —, —, radiological diagnosis in the male, 264
 —, —, rehabilitation in, 196
 Arthritis, rheumatoid, sheep cell agglutination test in, 97, 101
 —, —, symptomatology, evaluation of, 273
 —, —, synovial tissue biopsies in, 137
 —, —, sweat from hands in, 57
 —, —, thiouracil in, 47
 —, —, and tumour of hand, 288
 Arthropathy, psoriatic, placental "serum" in, 205
 Arthroplasty of hip, case reports, 175
 ASHTON, N., 69
 ASTWOOD, E. B., *74, 173, 174
 ATERMAN, K., 174
 Australian Rheumatism Council, First Annual Report (1949-50), 177
 *BACH, F., 232
 Back, low, pain in, 30
 *BAGNALL, A. W., 325
 BALDWIN, J. S., 310
 BALL, J.: Sheep cell agglutination test for rheumatoid arthritis, 97
 BARKIN, R. E., 316 *bis*
 BARTER, R. W.: Familial incidence of rheumatoid arthritis and acute rheumatism in 100 rheumatoid arthritics, 39
 BASSETT, S. H., 295
 BATTERMAN, R. C., *233
 BAUER, W., 305, 306, 316
 BAYLES, T. B., 301, 308
 BAYLISS, R. I. S., 324
 Belgium, rheumatism studies in, 66, 322
 *BELLOW, M. T., 318
 Benemid, effects of, 294
 BENNETT, G. A., 295, 300, 301
 BERESFORD, O. D.: Osteophytosis of the lumbar spine: a comparison between the incidence in Saskatchewan, Canada, and Bristol, England, 289
 BERKOWITZ, S., *233, 296
 BIDMEAD, D. S.: See WATSON, D., BIDMEAD, D. S., and KERSLEY, G. D.
 BILKA, P. J., 304
 Biochemical abnormalities in rheumatism, 68
 Biopsy, interpretation of, 69, 137
 BISHOP, C., 294
 Blood counts in anaemia of arthritis during hormone therapy, 258
 —, glutathione sulphydryl level, in arthritis, 292
 —, studies of, in rheumatoid arthritis, 162, 325*
 Bone marrow in anaemia of arthritis during hormone therapy, 258
 BOOK REVIEWS:
 ARTHRITIS AND RHEUMATISM FOUNDATION OF NEW YORK: Home care in rheumatoid arthritis, 1951, 63
 CANADIAN ARTHRITIS AND RHEUMATISM SOCIETY: Handbooks for Patients: (1) What you should know about arthritis; (2) Rheumatoid Arthritis, 1952, 320
 DERBES, J., and WEISS, T. E.: Untoward reactions of cortisone and ACTH, 1952, 231
 FLETCHER, E.: Medical disorders of the locomotor system, 2nd ed., 1951, 62
 FORESTIER, J., JACQUELINE, F., and ROTES-QUEROL, J.: La spondylarthritis ankylosante, 1951, 63
 JAEGER, F.: Der Bandscheibenvorfall (Nucleus Pulposus und Discus-Hernie), 1951, 230
 MERCK and Co.: The Merck Index, 6th ed., 1952, 320
 RODGER, D. E., and MILLER, G. M.: Arthritis and rheumatism—the patient's guide to treatment, 1952, 320
 SCHLIEPHAKE, E.: Kurzwellentherapie, 5th ed., 1952, 319
 SELYE, H.: First annual report on stress, 1951, 179
 —: The story of the adaptation syndrome, 1952, 230
 SWISS ACADEMY OF MEDICAL SCIENCES: Symposium on the influence of the hypophysis and the adrenal cortex on biological reactions, 1952, 179
 VOGT, H., and AMELUNG, W.: Einführung in die Balneologie und medizinische Klimatologie, 1952, 230
 BOYCE, K. C., 297
 *BOYD, E., 325
 BRACHMAN, P., 301
 BRAIN, R., 175
 British Medical Association, Research Scholarships, 321
 BROSTER, L. R., *74, 174
 BROWN, E. M., 301, 304
 BRUCE, J., and MACKAY, R.: Gold therapy and neutral 17-ketosteroid excretion in rheumatoid arthritis, 206
 BUNIM, J. J., *233, 299, 301, 317
 —: See SIMSON, J., and BUNIM, J. J.
 BURT, H., *232
 Butapyrin in arthritis, 297

- Butazolidin: *See* Phenylbutazone
 BYWATERS, E. G. L., 69, 70, 71, *318, 324
 —: *See* ANSELL, B. M., and BYWATERS, E. G. L.
- CAMERON, G. R., *74, 174
 Canadian Arthritis and Rheumatism Society, Second Annual Report (1949-50), 177
 — — — — —, Officers, 1952-53, 233
 — — — — —, Annual Meeting, 1952, 325
- CARP, S., *233, 296
 Cartilage, articular, repair of, 295
 Casein and amyloidosis, 124
 CATCHPOLE, H. R., 310
 CECIL, R. L., 305
 CLAGETT, O. T., 314
 CLARK, W. S., 305, 307
 COHEN, SIR HENRY: Heberden Round, 175
 —, 70
- *COLBECK, C. J., 325
 Colchicine, intravenous, in gouty arthritis, 325*
 Collagen, fibrogenesis of, *in vitro*, 296
 Colston Research Society, Bristol, 173
 Compound B, effects of, 313
 Compound F.: *See* Hydrocortisone acetate
 Compound 7 P., 272
 — 16 P., 272
 — 21 P., 272
- *CONDOMINAS, J. F., 232
 Contractures, treatment of, 196
 COPEMAN, W. S. C.: Presidential address to Ligue Européenne contre le Rhumatisme, 64
 —, 70 *bis*, 71
 Corticosterone: *See* Compound B
 Cortisone and acid, ascorbic, interaction of, 119
 — and adrenal cortex function, 308
 — and amyloidosis, 124
 — in anaemia of arthritis, 257
 — in arthritis, rheumatoid, with Addison's disease, 225
 — and blood lipid fractions in rheumatoid arthritis, 325*
 — and the eye, 69
 — in gout, 71
 — and GSH levels, 293
 —, intra-articular use of, 73
 — and iron absorption, 316
 —, long-term, in rheumatoid arthritis, 325* *bis*
 — in malum coxae senilis, 315
 — and orthopaedic treatment, 325*
 —, response to, 70
 — in rheumatism, acute, 318, 325*
 — in spondylitis, ankylosing, 71
 — in Still's disease, 71
 — and subcutaneous nodules, 300
 — and supra-renal cortex, symposium, 173
 — in tumour of hand, 288
 — in U.S.A., 72
- *CRANFIELD, H. V., 325
 Creatinuria in arthritis, 17
 CRUICKSHANK, B.: Interpretation of multiple biopsies of synovial tissue in rheumatic diseases, 137
 —, 69
 CUDKOWICZ, L.: *See* ELLMAN, P., and CUDKOWICZ, L.
 Cushing's syndrome, 307
 Czechoslovakia, rheumatism studies in, 322
- DALGLEISH, P. G.: Tuberculous rheumatism, 222
 DAVIDSON, L. S. P., 70
 DAVISON, R., 303, 306
 DAVISON, S., *233
 DAWSON, J. E., and SALT, H. B.: Creatine metabolism in arthritis, 23
 Denmark, rheumatism studies in, 322
 DESMARAIS, M. H. L.: Value of intra-articular injections in osteoarthritis, 277
 Diathermy, 55
 Dibenzylic penicillin and Group A streptococci, 309
 Disk, intervertebral, herniated, conservation of, *325
 Diuresis and steroid therapy, 226
 DOCA in arthritis, rheumatoid, with Addison's disease, 225
 DORDICK, J. R., 233
- *DORFMAN, A., 318
 DOWDELL, W. F., 315
 —, SOLOMON, W. M., STECHER, R. M., and WOLPAW, R.: Cortisone in the treatment of degenerative joint disease of the hip, 168
 DUFF, I. F., 302, 313
 Dupuytren's contracture in arthritis, 269
- *DURYEE, A. W., 233
 DUTHIE, J. J. R., 70, 72, 174
 EDGUMBE, J. O. P., and HUSAIN, O. A. N.: Effects of ACTH and cortisone on the anaemia of rheumatoid arthritis, 257
 EDSTRÖM, G.: Report on work of the Ligue Européenne contre le Rhumatisme, 65
 —: Rehabilitation and treatment by movement of contractures in rheumatoid arthritis, 196
- Effusion in knee joints in arthritis, 280
 EGELIUS, N., HÄVERMARK, N. G., and NYSTRÖM, G.: Late results of gold treatment in rheumatoid arthritis, 17
 EHRLICH, M., *233, 296, 306, 315
 Elbow, arthritis in, 200
 Electrochemistry and connective tissue, 310
 ELKIND, M., 296
 ELLISTON, W. A., 315
 ELLMAN, P., 174
 —, and CUDKOWICZ, L.: Comparative effects of cortisone, ACTH, and DOCA in a case of rheumatoid arthritis with Addison's disease, 225
 Empire Rheumatism Council, Fifteenth Annual Report (1951), 176
 — — — — —, Annual Meeting, 1952, 176
 ENGLEMAN, E. P., 297, 308
 ENSIGN, D. C., 306, 308
 Erythrocyte sedimentation rate in anaemia of arthritics during hormone therapy, 251
 — — — — — and hydrocortisone acetate therapy, 115
 European League against Rheumatism, 64, 177, 322
 EVANS, H., 175
 Exercise therapy, 197
- Fat, subfascial, herniation of, and low back pain, 30
 FAVOUR, C. B., 301
 FEARNEY, G. R., 324
 FELDMAN, H. A., 299, 317
- *FELL, W. A., 232
 Femur, head of, surgical replacement in osteo-arthritis, 315
 Fingers, ulnar deviation of, 219
 Finland, rheumatism studies in, 322
 FISCHER, E. E., 318
 FLETCHER, C., 324
- *FLETT, J. E., 318
 Fluid, synovial, and hydrocortisone acetate, 301
 FOLLEY, S. J., 173
 FORD, D., 301
 FORESTIER, J., and JACQUELINE, F.: La polyarthrite masculine, 264
 FRANK, J. B., 301
 France, rheumatism studies in, 322
 FREYBERG, R. H., 297, 300
 —: *See* STEVENSON, C. R., ZUCKNER, J., and FREYBERG, R. H.
- *FUCHS, M., 232
- Gamma globulin in arthritis, rheumatoid, 301
 GITTNER, R., *233
 GLASS, I., *233
 Gland, thyroid, I^{131} uptake by, 298
 Glomerulonephritis as mesenchymal disease, 121
 Glutathione sulphhydryl in arthritis, 292
 GODŁOWSKI, Z. Z., and PATERSON, H.: Rheumatoid arthritis of menopausal women treated with insulin hypoglycaemias, 36
 Gold testing in arthritis, rheumatoid, 209
 — therapy in arthritis, rheumatoid, 206, 209, 306
 — — — — — and agglutination test, 108
 — — — — — and hyaluronidase inhibitors, 275
 GOLDTHWAITE, J., 301
 Gout, 325*
 —, ACTH and cortisone in, 71
 —, metabolic studies in, 295
 —, synovial biopsies in, 143
 —, polyarticular, diagnosis of, 269
- *GRAHAM, D. C., 325
 GRAHAM, W., 314, 315, *325
 Graves' disease and peri-arthritis of shoulder, 4
 GROSS, J., 296
 GSH: *See* Glutathione sulphhydryl
- Haemolysis in anaemia of arthritis, 162
 Haemophilia and arthritis, 317
 HAHN, L., THUNE, S., and TRUEDSSON, E.: Clinical investigation of the value of synthetic hyaluronidase inhibitors in rheumatoid arthritis, 272
 Hallux valgus, 200
 Hand, arthritis in, 199
 —, collagenous pseudotumour of, 282
 —, sweat from, measurement of, 57
 HANSEN, E. B.: Peri-arthritis of the shoulder, 2
- *HARRIS, R., 232
 HART, F. DUDLEY, 71, 232
 HARTFALL, S. J., 71
 HARTUNG, E. F., 295
- *HASERICK, J. R., 324
 HÄVERMARK, N. G.: *See* EGELIUS, N., HÄVERMARK, N. G., and NYSTRÖM, G.
 Heart disease and peri-arthritis, 325*
 Heat, application of, 54, 202
 Heberden Oration, 1952, 324
 Heberden Round, April, 1952, 175
 Heberden Society Annual Report (1951), 67
 — — — — —, Annual General Meeting, 1951, 68
 — — — — —, International Congress of Physical Medicine, Symposium on Rheumatic Disorders, 233

- Heberden Society, Meeting, February 1952, 175
 —, October, 1952, 324
 Heberden's nodes and osteo-arthritis, 68
 HELLER, H., *74, 174
 HEMPHILL, R. E., *74, 174
 Hepatomegaly and acute rheumatism, hormone therapy in, 310
 Heptahydroxy-tricarboxy-triphenyl methane: *See* Compound 16 P
 Heredity in rheumatoid arthritis and acute rheumatism, 39
 Herniation of subfascial fat, 30
 HERZ, R.: Subfascial fat herniation as a cause of low back pain, 30
 Hexahydroxy-tricarboxy-triphenyl methane: *See* Compound 21 P
 *HILL, A. BRADFORD, 318
 *HILL, J. G., 325
 Hip, injections into, in osteo-arthritis, 279
 — joint, exercises for, 202
 —, disease of: *See* Osteo-arthritis and Malum coxae senilis
 —, osteo-arthritis of, surgery of femoral head in, 315
 Histochemistry and connective tissue, 310
 HOAGLAND, H., *74, 174
 HOLBROOK, W. P., 297, 313
 HOLLANDER, J. L., 300, 301, 304, 307
 HORDER, Lord: Heberden Oration, 1952, 324
 HORMELL, R. S., 315
 Hormone therapy and agglutination test in arthritis, rheumatoid, 109
 — in arthritis, rheumatoid, 305
 — and hepatomegaly in acute rheumatism, 310
 — and iron absorption in anaemia of arthritis, 316
 —, symposium, 173
 *HUNT, T. E., 325
 *HURLBURT, F. W. B., 325
 HUSAIN, O. A. N.: *See* EDGUMBE, J. O. P., and HUSAIN, O. A. N.
 Hyaline, origin of, 191
 Hyaluronidase, synthetic inhibition of, 272
 Hydrocortisone, local, 301
 — and iron absorption, 316
 — and orthopaedic treatment, 325*
 — acetate, intra-articular, 112, 301, 302
 17-hydroxy-corticosterone-21-acetate: *See* Hydrocortisone acetate
 Hypoglycaemia, insulin, in rheumatoid arthritis, 36
 INGLE, D. J., *74, 174
 International Federation of Physical Medicine, International Congress, 1952, Symposium on Rheumatism Disorders, 66, 233
 International League against Rheumatism, Eighth International Congress, 1953, 323
 Insulin hypoglycaemia in rheumatoid arthritis, 36
 Irgapyrin: *See* Butapyrin
 Iron, absorption of, in anaemia of arthritis and hormone therapy, 316
 — metabolism in rheumatoid arthritis, 164
 IRVINE, J. H., *233
 ISHMAEL, W. K., 295
 Italy, rheumatism studies in, 66, 322
 JACQUELINE, F.: *See* FORESTIER, J., and JACQUELINE, F.
 JÄRVINEN, K. A. J.: Observations on the use of thiouracil in rheumatoid arthritis, 47
 JEFFREY, M. R.: Anaemia of rheumatoid arthritis, 162
 JESSAR, R. A., 302
 JOHNSON, H., 308
 *JOHNSON, L. G., 325
 Joint, heating of, 54
 —, inflammation of, and hydrocortisone acetate, 116
 —, injection into, in osteo-arthritis, 277
 — in periarteritis nodosa, 146
 — reactions and pleural mesothelioma, 314
 JORDAN, H. H., 317
 JOSEPH, N., 310
 KAISER, G. D., 300
 KAMMERER, W. H., 307
 *KEITH, J. D., 318
 KELLGREN, J. H., 70
 *KELLY, H. G., 325
 KERSLEY, G. D., 70, 71, 174
 —: *See* WATSON, D., BIDMEAD, D. S., and KERSLEY, G. D.
 KESTLER, O. C.: Collagenous pseudotumours of the hands, 282
 17-ketosteroid excretion in rheumatoid arthritis and gold therapy, 206
 KEY, J. A., 296, 304, 308, 315
 KIDD, E. C., 297
 KLING, D. H., 299, 304
 Knee joint, arthritis in, 201
 —, heating of, 54
 —, injections into, in osteo-arthritis, 279
 —, in rheumatoid arthritis, 280
 KNOWLTON, A. I., 308
 KROHN, P. L., 174
 KRUPP, M., 308
 KUHN, J. G., 315 *bis*
 KULKA, J. P., 305
 KUZELL, W. C., 297, 307
 LANSING, A. I., 301
 *LEINWAND, I., 233
 LEVIN, M. H., 295
 LI, C. H., *74, 173
 Ligue Belge contre le Rhumatisme: *See* Belgium
 Ligue Européenne contre le Rhumatisme: *See* European League
 against Rheumatism
 Ligue Internationale contre le Rhumatisme: *See* International League
 against Rheumatism
 LOCKIE, L. M., 294
 LOVELL, R. R. H., 173
 LOWMAN, E. W.: Joint and neuromuscular manifestations of periarteritis nodosa, 146
 *—, 232
 Lupus erythematosus, ACTH in, 214
 —, synovial biopsies in, 142
 LUSH, B.: Ulnar deviation of the fingers, 219
 McDONALD, J. R., 314
 McEWEN, C., 301 *bis*, 309, *318
 MACKAY, R.: *See* BRUCE, J., and MACKAY, R.
 MACLAGAN, N. F., 68
 Males, polyarthritis in, radiological studies, 264
 Malum coxae senilis, cortisone in, 168, 315
 MARRIAN, G. F., *74, 173
 Marrow and anaemia of arthritis, 258
 —, haemopoiesis of, 163
 *MARTIN, A. J., 232
 *MASSELL, B. F., 318
 MEANOCK, I., 324
 Menopause, insulin hypoglycaemia in rheumatoid arthritis in, 36
 MERCHANT, W. R., 295
 Mesenchymal tissue, effect of ascorbic acid and cortisone on, 119
 Mesothelioma of pleura and articular reactions, 314
 MEYER, B. M., 308
 *MICHEZ, J., 232
 MICHOTTE, L. J., 232, *232
 MONTGOMERY, M. M., 300, 310
 MOORE, R., 68
 MORRIS, C. J. O. R., *74, 173
 Mucopolysaccharide and amyloidosis, 133
 Muscle pain in periarteritis nodosa, 152
 Musculature, atrophy of, 197
 N.N' dibenzylethylendiamine dipenicillin G: *See* Dibenzyl penicillin
 Neuritis, peripheral, in periarteritis nodosa, 146
 New York Rheumatism Association, Annual Meeting, 1952, 233
 —, Officers, 1952-53, 233
 —, Meetings, 324
 Nodules, subcutaneous, agglutination test and, 104
 —, cortisone in, 300
 NORCROSS, B. M., 294, 305, 317
 NYSTRÖM, G.: *See* EGELIUS, N., HÄVERMARK, N. G., and NYSTRÖM, G.
 OGRYZLO, M. F., 300
 Orthopaedic devices in arthritis, 200
 — and cortisone, 325*
 OSMOND-CLARKE, —, 175
 Osteo-arthritis, agglutination test in, 98
 —, creatine metabolism in, 17
 — and heberden's nodes, 68
 — of hip, cortisone in, 168
 —, intra-articular injections in, 277
 —, surgery of femoral head in, 315
 Osteophytes in periostitis deformans, 154
 Osteophytosis of lumbar spine, incidence and aetiology, 289
 Osteoporosis in periostitis deformans, 158
 *OTT, V. R., 232
 Pain in hand and wrist, 193
 —, low back, and subfascial fat herniation, 30
 — in periarteritis nodosa, 152
 —, trigger points, 31
 PALMBORG, G.: Stenosing tenosynovitis, 193
 PATERSON, H.: *See* GODŁOWSKI, Z. Z., and PATERSON, H.
 PATERSON, R. M., 310
 *PAUL, W. D., 232
 Penicillin in acute rheumatism, 309
 Periarteritis nodosa, manifestations of, 146
 Peri-arthritis and coronary disease, 325*
 Periostitis deformans, 154
 *PETTY, H., 232
 Phenobarbitone and peri-arthritis of shoulder, 4
 Phenylbutazone in arthritis, 296
 Physical Medicine, International Congress, 1952, 66
 Pituitary-adrenal axis in gouty arthritis, 295
 Plasma, blood, studies of, in rheumatoid arthritis, 162
 Pleura, localized fibrous mesothelioma of, articular reactions and, 314
 PLOTZ, C. M., *233, 306, 308, 309
 *POAL, J. M., 232
 POLLEY, H. F., 314 *bis*
 Polyarteritis nodosa, synovial biopsies in, 143
 Portugal, rheumatism studies in, 323
 POTTER, T. A., 315

- Primaquine in arthritis, rheumatoid, 310
 FRUNTY, F. T. G., 173
 Pseudotumour, collagenous, of hand, 282
 Pyroninophilia of mesenchymal cells, 121
- Quervain's disease: *See* Tenosynovitis, stenosing
 *QUITTNER, H., 233
- Radiation, infra-red, 55
 Radiology in diagnosis of polyarthritis in males, 264
 — of spine in osteophytosis, 288
 Radiotherapy and agglutination test in rheumatoid arthritis, 105
 RAGAN, C., 308
 RAMMELKAMP, C. H., 309, *318
 RAWLS, W. B., 304
 READER, S. R.: *See* WHYTE, H. M., and READER, S. R.
 REISS, M., *74, 173, 174
 Rest in bed in rheumatoid arthritis, 197
 RIVO, J. B., 295
 Rheumatism, agglutination test in, 98
 —, biochemical abnormalities in, 68
 —, acute, acetylsalicylic acid in, 318
 —, —, ACTH in panel discussion, 318
 —, —, agglutination test in, 98
 —, —, cortisone in, 318, 325*
 —, —, dibenzyl penicillin in, 309
 —, —, familial incidence of, 39
 —, —, and hepatomegaly, 310
 —, —, synovial biopsies in, 140
 —, tuberculous, 222
 *ROBERTS, J. B., 325
 *ROBINSON, C. E. G., 325
 *ROBINSON, H., 325
 ROBINSON, H. J., *74, 173
 ROBINSON, W. D., 295, 313
 *RODGER, D. E., 325
 ROPES, M. W., 302, 305
 ROSENBAUM, E. E., 307
 *ROUTH, J. I., 232
 Royal Free Hospital, London, Dept. of Rheumatism, 4th Annual Report, 178
 Royal National Hospital for Rheumatic Diseases, Bath, 4th Annual Report, 178
 RUSOFF, J. H., 309, 310
 RUTSTEIN, D. D., 306, *318
- SALT, H. B.: *See* DAWSON, J. E., and SALT, H. B.
 Sarcoidosis as mesenchymal disease, 121
 SCHMIDT, H. W., 314
 SCULL, E., 301, 304
 Serum, placental, in rheumatoid arthritis, 203
 SH: *See* Sulphydryl
 SHI: *See* Hyaluronidase, inhibition of
 Sheep cell agglutination test in rheumatoid arthritis, 97
 SHORT, C. L., 314
 Shoulder, arthritis in, 200
 —, peri-arthritis of, 2
 Shoulder-hand syndrome, 14
 — and cerebral haemorrhage, 4
 Side-effects of ACTH and cortisone, 72
 SIGLER, J. W., 306
 SILVERBERG, R., 296
 SIMSON, J., *233
 —, and BUNIM, J. J.: Effect of placental "serum" in rheumatoid arthritis, 204
 Skin changes in arthritis, 269
 — temperature, measurement of, 5
 SMITH, R. T., 294
 SMYTH, C. J., 298
 Società Italiana per lo Studio del Reumatismo: *See* Italy
 Sodium caseinate and amyloidosis, 124
 SOLOMON, W. M., 315
 —: *See* DOWDELL, W. F., SOLOMON, W. M., STECHER, R. M., and WOLPAW, R.
 SORIANO, M.: Periostitis deformans, 154
 Spain, rheumatism studies in, 323
 Spine, lumbar, incidence and aetiology of osteophytosis in, 289
 Spondylitis, ankylosing, ACTH in, 71
 —, —, agglutination test in, 98
 —, —, blood glutathione sulphydryl levels in, 292
 —, —, cortisone in, 71
 —, —, exercises in, 202
 —, —, radiology in diagnosis of, 270
 —, —, synovial biopsies in, 140
 —, —, rheumatoid, primaquine in, 310
 Spondylosis, cervical, case report, 175
 STECHER, R. M., 315
 —: *See* DOWDELL, W. F., SOLOMON, W. M., STECHER, R. M., and WOLPAW, R.
 STECK, I. E., 300, 310
 STEINBERG, C. L., 303
 STEINBROCKER, O., *233, 296, 300, 312
- Stenosis of tendon sheaths, 193
 Steroids, symposium, 173
 STEVENSON, C. R., ZUCKNER, J., and FREYBERG, R. H.: Intra-articular hydrocortisone (Compound F) acetate, 112
 Still's disease, 175, 316
 —, —, ACTH in, 71, 214
 —, —, cortisone in, 71
 *STODDARD, A., 232
 STOLLERMAN, G. H., 309 *bis*
 STOREY, J. O., 175
 Streptococci, group A, and dibenzyl penicillin, 309
 Sulphydryl, glutathione, level in blood, 292
 Supra-renal cortex, symposium on, 173
 Surgery of tumours of hand, 282
 SVANBERG, T.: Gold-testing in gold treatment of chronic polyarthritis, 209
 SWANSON, J. N., 316 *bis*, *325
 Sweat, measurement of, 57
 Sweden, rheumatism studies in, 323
 Switzerland, rheumatism studies in, 323
 Synovium, interpretation of biopsies, 137
- TALBOT, J. H., 294, 295
 TAYLOR, D., 317
 TEILUM, G.: Cortisone-ascorbic acid interaction and the pathogenesis of amyloidosis, 119
 Temperature, intra-articular, 55
 —, skin, measurement of, 5
 Tendon sheaths in hand, surgery of, 193
 Tendovaginitis stenans, 194
 Tenosynovitis, stenosing, 193
 —, tumorous rheumatoid, 282
 Tetrahydroxy-dicarboxy-diphenyl methane: *See* Compound 7 P
 Thiouracil in rheumatoid arthritis, 47
 THOMPSON, H. E., 307
 THUNE, S.: *See* HAHN, L., THUNE, S., and TRUEDSSON, E.
 TILLIS, H. H., 306
 Tissue, elastic, structure of, 301
 —, connective, histochemistry and electrochemistry of, 310
 —, mesenchymal, and amyloidosis, 119
 —, synovial, interpretation of biopsies, 137
 Toe joints, arthritis in, 200
 TRAEGER, C., *233, 306
 Trauma in rheumatoid arthritis, 270
 *TROISER, O., 232
 TROWELL, O. A., 174
 TRUEDSSON, E.: *See* HAHN, L., THUNE, S., and TRUEDSSON, E.
 Tuberculosis and arthritis, 222
 — and periostitis, 158
 — and tumour of hand, 282
 Tumour, collagenous: *See* Pseudotumour
 —, osseous, in periostitis, 154
- UDELL, L., 301
 Ulnar deviation, 197, 219
 Ultratherm, use of, 55
 Uruguay, rheumatological society meetings, 325
- VAUGHAN, J. H., 301
 Vegetative function, studies of, in peri-arthritis of shoulder, 2
 VERZAR, F., *74, 173
 VOGT, M., *74, 173
- WAINE, H., 295, 296
 WAINERDI, H. R., *233
 WATSON, D., BIDMEAD, D. S., and KERSLEY, G. D.: Blood glutathione levels in rheumatoid arthritis, 292
 WELSH, J. E., 308
 WEST, H. F., 71
 West London Hospital, Rheumatism Department Report, 178
 WESTERMAYER, V. G., 295
 WHYTE, H. M., and READER, S. R.: Heating the knee joint, 54
 *WILLIAMS, H. A., 232
 Withdrawal syndrome, 73
 WOLFE, M., *233
 WOLFSON, W. Q., 308, 313
 WOLPAW, R., 315
 —: *See* DOWDELL, W. F., SOLOMON, W. M., STECHER, R. M., and WOLPAW, R.
 WOODMANSEY, A.: A method of measuring sweat from the hands, 57
 Wrist joints in polyarthritis in men, 267
- X rays: *See* Radiotherapy; Radiology
- YOFFEY, J. M., *74, 173, 174
 YOUNG, F. G., *74, 173
 *YOUNG, M., 325
- ZIFF, M., 301
 ZIVIN, S., 300, 310
 ZUCKERMAN, S., *74, 173
 ZUCKNER, J., 303
 —: *See* STEVENSON, C. R., ZUCKNER, J., and FREYBERG, R. H.

INDEX TO SUBJECTS OF ARTICLES ABSTRACTED

* indicates that only the title of the article is given

- 21-Acetoxy-pregnenolone, 86
 Acid, ascorbic, with deoxycortone, 345
 —, folic, resistance to, in leukaemia, 347
 —, glycuronic, 342* *bis*
 —, 3-hydroxy-2-phenyl cinchoninic in gout, acute rheumatism, and
 rheumatoid arthritis, 250
 —, protein binding properties of, 251
 —, nicotine, and skin in arthritis, rheumatoid, 239*
 Acromegaly with arthritis, rheumatoid, 336*
 Acrosclerosis, 241 *bis*
 ACTH, 251, 351*
 — and allergy, 351*
 — in anaemia, haemolytic, 253
 — and antibodies in man, 184
 — in tuberculous inflammation, 185
 —, antipyretic effects, 351*
 — in aortic endocarditis, 350*
 — in arthritis, rheumatoid, 90, *78, 87, 236
 — in beryllium granulomatosis, 183
 — and blood, 252
 — and body water in Still's disease, 350*
 — and bone marrow, 347
 — in bronchial asthma, 253
 — and burns, 253
 — and capillary permeability, 189
 — in carditis, rheumatic, 236*, 350*, 326
 —, chorionic gonadotrophin, and adrenal-hyaluronidase relation-
 ship, 94
 — in colitis, chronic ulcerative, 186, 349
 — and cortisone acetate in hypophysectomized rats, 183
 — with deoxycortone, 345
 — in dermatitis, gold, 191
 —, desensitizing action of, and thyroxine, 93
 — and diuresis, 254
 — and epilepsy in lupus erythematosus, 85
 —, eosinopenic response to, 188
 — and erythrocyte sedimentation rate, 346
 —, extra-adrenal action of, 92
 — in Felty's syndrome, 90
 — and gastric ulcer, 255 *bis*
 — in gold dermatitis, 191
 — and healing, 190
 — and histopathology of rheumatoid arthritis, 335
 — and hyaluronidase, 85*, 251
 — in hypertension, essential, 91
 — in hypopituitarism, 348, 254
 —, hypothermic effects, 351*
 —, and immunologic mechanisms including reversed anaphylaxis,
 92
 — and infection, resistance to, 183
 —, intra-articular, 89
 —, intravenous, 86, 88, 191, 351*
 —, —, perfusion, 256
 — and intradermal reactions, 349
 —, and L. *nor* epinephrine, pressor response to, 191
 — and leukaemia, 347
 — in lipid nephrosis, 348
 —, mental disturbances and, 350
 — in myasthenia gravis, 185
 — and myelomatosis, 346
 — in neurological disorders, 96
 — in otosclerosis, and otitis, 349
 — and panhypopituitarism, 254
 — in pericarditis, rheumatic, 327
 — in placental tissue, 252
 — and plasma fibrinogen, 346
 — and platelets, 346
 — in poliomyelitis, 253
 — and pregnenolone, 86
 —, preparation of, 351*
 —, problems of, 190
 — in psoriasis, and generalized erythrodermia, 191
 — and psychosis, acute, 191
 — in radiation sickness, 254
 — in rheumatic disease, 350* *ter*
 — ACTH in rheumatism, acute, 75*, 180, 181, 234, 327 *bis*
 —, secretion of, and neural control of pituitary gland, 191
 — and serum protein, 346 *bis*
 — in shoulder-hand syndrome, 90
 — in silicosis, 183
 — in Sjögren's syndrome, 90
 —, slow-release medium, 86, 256
 — in spondylitis, ankylosing, 241
 — in sprue syndrome, 254
 — in Still's disease, 87, 334, 350*
 — and sulfhydryl inhibition, 184
 —, sustained action of, 86
 —, therapy at Purpan, 250
 —, thromboembolic complications and, 189, 191*
 — in tuberculosis, 94, 95
 —, —, pulmonary, 87
 *ACTH-regulating effect of corticoids, 191
 Adaptation, diseases of, adrenal cortex and, 192
 Addison, Thomas, and cortisone, 256
 Addison's disease, diuretic response of, to water and cortisone, 347
 — with polyarthritis, 238
 Adrenal cortex and arthritis, rheumatoid, 77
 — and disease of adaptation, 192
 — in man, after ACTH and cortisone, 187
 —, production of 17-Hydroxycorticosterone by, 91
 —, denervation of, and rheumatoid arthritis, 76
 Adrenaline concentrations in the glands, 256*
 Agglutination, sheep-cell, in rheumatoid arthritis, 237 *bis*
 *Allergic disease, oral cortisone in, 191
 Allergy and ACTH, 351*
 Amidopyrine pyrazole: see "Irgapyrin"
 para-Aminobenzoic acid and salicylate, 76
 —, synergistic action of, 182
 Amoebiasis and arthritis, 80
 *Amyloidosis and Still's disease, 85
 Anaemia of acute rheumatism, 181
 — of arthritis, 332
 —, haemolytic, and ACTH, 253
 Anaphylaxis, reversed, effect of ACTH and cortisone on, 92
 Anavaccine, streptococcal, in carditis, rheumatic, 235
 Angiography, technique, 337
 Ankylosing spondylitis: see Spondylitis, ankylosing
 Antibiotics in subacute bacterial endocarditis with acute rheumatism,
 327
 Antibody formation and hormone therapy, 184, 185
 Antibody/antigen reaction, experiments in rheumatic subjects, 192
 Anti-histamine medication as cause of death, 192
 Arteriosclerosis and rheumatism, 248
 "Artisone" acetate in rheumatoid arthritis, 185
 Arthralgia, familial, 242
 Arthritis, surgery of, 342*
 — with urethritis and conjunctivitis, 342*
 —, experimental, 249
 —, —, stress and, 90
 —, "formalin", histology of, 90
 —, —, limb volume, measurement of, 90
 —, infective, testosterone-propionate in, 249
 —, haemophilic, and cortisone, 345
 —, mutilans, 238
 —, rheumatoid, with acromegaly, 336*
 —, —, ACTH in, 78, 86 *ter*, 87, 90
 —, —, and Addison's disease, 238
 —, —, and adrenal cortex, 77
 —, —, and amoebiasis, 80
 —, —, anaemia of, 332
 —, —, "artisone" in, 185
 —, —, and atmospheric pressure, 338
 —, —, aurothioglycolanilide in, 78*
 —, —, Butazolidin in, 335, 336*
 —, —, chloroethylamine in, 336*
 —, —, copper salts in, 336*
 —, —, Compound F in, orally, 335
 —, —, cortisone in, 77* *bis*, 78*, 90*, 236 *bis*, 237
 —, —, —, oral, in, 182
 —, —, —, prolonged, in, 89

- Arthritis, rheumatoid, cortisone and bone marrow in, 86
 —, —, —, and gold in, 334
 —, —, —, implantation in, 87
 —, —, —, Δ -5-pregnenolone in, 90
 —, —, —, denervation of adrenal in, 76
 —, —, —, of carotid sinus in, 182
 —, —, —, diagnosis of, *77
 —, —, —, by laboratory methods, *85
 —, —, —, electromyogram in, 332
 —, —, —, electrophoretic studies of serum in, 247
 —, —, —, fever therapy, 77*
 —, —, —, focal lesions in muscles and nerves, 237
 —, —, —, and Felty's syndrome, 239*
 —, —, —, gold in, *78, 87, 239* *bis*
 —, —, —, haematological changes during hormone therapy, 334
 —, —, —, hand function rehabilitation, 330
 —, —, —, Heparin in, 333
 —, —, —, hips in, 75, 336* 339, 341*
 —, —, —, histopathology during hormone therapy, 335
 —, —, —, HPC in, 250
 —, —, —, hypoglycaemia in, 88 *bis*
 —, —, —, implants, placental, 341*
 —, —, —, —, thyroid, 341* *bis*
 —, —, —, mortality rate from, 336
 —, —, —, and muscle changes, 237, 341*
 —, —, —, myelogram in, 333
 —, —, —, nerve changes in, 237
 —, —, —, nicotinic acid in, 239*
 —, —, —, nitrogen mustard in, 90, 239* 333 *bis*, 336*
 —, —, —, and occupation, 77
 —, —, —, occupational therapy of, 239*
 —, —, —, ocular complications of, 82, 182
 —, —, —, pabalate in, 76
 —, —, —, Paritol C in, 333
 —, —, —, placental serum therapy in, 332
 —, —, —, plasma fibrinogen and ESR, response, to hormone therapy, 336*
 —, —, —, plasma and red cell catalase in, 336*
 —, —, —, phenylbutazone in, 335, 336*
 —, —, —, phosphocrysol in, 336*
 —, —, —, Pitressin in, 236
 —, —, —, pituitary implantations in, 331
 —, —, —, pregnenolone in, 77
 —, —, —, progesterone in, 90
 —, —, —, protein metabolism in, 85
 —, —, —, psychological factors, 78
 —, —, —, Pyrocatechol-3-carboxylic acid in, 328
 —, —, —, radiology of, 331
 —, —, —, rehabilitation in, 78
 —, —, —, remission after fever therapy, 77*
 —, —, —, renal dysfunction in, 239*
 —, —, —, salicylate and pabalate in, 76
 —, —, —, sanocrysin in, 336*
 —, —, —, serum complement in, 78
 —, —, —, —, iron content in, 336*
 —, —, —, sheep-cell agglutination, 237 *bis*, 336* *bis*
 —, —, —, Speranskii spinal pumping in, 243
 —, —, —, steroids other than cortisone in, 90
 —, —, —, sulfosin therapy in, 76
 —, —, —, synergistic action of cortisone and *para*-amino benzoic acid in, 182
 —, —, —, and trauma, 331
 —, —, —, ulnar deviation in, 77
 —, —, —, vasography of peri-articular vessels in, 182
 —, —, —, vasomotor response to contrast baths, 336*
 —, —, —, and weather sensitivity, 338
 —, —, —, x-ray therapy, 77, 79
 —, —, —, juvenile: *see* Still's disease
 —, —, —, senile, 338* *bis*
 Arthrography, 80
 —, of knee-joint, 339
 —, of shoulder, 339
 Arthroplasty of hip, 78, 240
 Aschoff bodies, development of, 343
 Asthma, cortisone in, 348
 —, bronchial, cortisone aerosol therapy in, 191
 —, bronchial, ACTH in, 253
 —, —, nitrogen mustard in, 90
 Auricular appendage, left, in mitral stenosis, 327
 *Aurothioglycolanilide (Lauron-endo) in rheumatoid arthritis, 78
 Backache, 241* *quinter*
 Bacteraemia, pneumococcal, cortisone and, 95
 B.C.G. infection, thyroxine, ACTH, cortisone and, 93
 Benemid and uric acid metabolism, 83
 Beryllium granulomatosis, ACTH and, 183
 Bleeding time, effect of blood of arthritic patients on, 252
 Blood clotting and cortisone, 345
 —, flow in gout, 82
 —, and hormone therapy, 236, 252 *ter*
 —, hypochromasia of red cells, 344
 —, peripheral, 17-hydroxy corticosteroid level in, 188
 Boeck's sarcoid and cortisone, 186
 Bone marrow, ACTH and, 346, 347
 —, —, water-soluble fraction of, in rheumatism, 238
 Bornholm disease, 83, 84
 Bradycardia sinus, in acute rheumatism, 329
 Burns, ACTH and, 253
 Bursitis, x rays in, 79
 Butazolidin: *see* Phenylbutazone
 Calcification of soft tissue and collagen disease, 351
 Capillary, changes in, in acute rheumatism, 328
 —, permeability to trypan blue, cortisone and, 189
 —, —, —, ACTH and, 189
 Cardiac disease, arteriosclerosis and rheumatism, 248
 Carditis, rheumatic, 75, 180
 —, —, ACTH in, 236*, 326, 327, 350*
 —, —, compared with acute benign pericarditis in children, 327
 —, —, cortisone in, 236* *bis*, 326 *bis*, 327, 330* 350*
 —, —, intravenous therapy, 235
 —, —, intra arterial streptococcus anavaccine, 235
 —, —, leucocyte-platelet thrombosis in, 235
 —, —, and tuberculous endocarditis, 235
 Carotid sinus, denervation of, in rheumatoid arthritis, 182
 Cation exchange resins and water retention in cortisone therapy, 334
 Cell, defective membrane in acute rheumatism, 345*
 Central nervous system, reactions of microglia in acute rheumatism, *330
 Cervix, epidural, periradicular, and epineural sheaths, structure of, 246
 *Chauffard-Still syndrome, 77 *bis*
 Chondroblastoma, benign, of bone, 248
 Chorea and rheumatism, acute, 330
 Chloroethylamine in arthritis, rheumatoid, 336*
 Chrysotherapy: *see* Gold
 Climate and arthritis, high and low atmospheric pressure, 338
 Colchicine and leukaemoid changes, 83
 Colitis, ulcerative, ACTH and cortisone, in, 186, 349
 Collagen disease and soft tissue calcification, 351
 Compound F: *see* 17-Hydroxycorticosterone
 Compound S, metabolic effects of, 255
 Conjunctivitis with urethritis and arthritis, 342*
 Contrast baths, effect on vasomotor response in rheumatoid arthritis, 336*
 Copper and salicylate ("Permalon") in rheumatism, 339
 —, salts, circulation and elimination in rheumatoid arthritis, 336*
 Cortex, adrenal, salt-retaining hormone secretion, 351*
 Cortisone, action of, 350* *ter*, 351*
 —, Addison, Thomas, and, 256
 —, and adrenal cortex in man, 187
 —, in aerosol therapy of bronchial asthma, 191
 —, and antibodies in man, 184
 —, and —, restoration of 94
 —, anti-inflammatory action, 351*
 —, in arthritis, experimental, and stress, 90
 —, in —, rheumatoid, *77, *78, 90, 185, 236 *bis*, 237
 —, —, and bone marrow changes, 86
 —, —, with deoxycortone, 345
 —, —, with gold, 334
 —, —, and histopathology, 335
 —, —, subcutaneous implantation of, 87
 —, —, synergistic action of, 182
 —, in asthma, 348
 —, in bacteraemia, pneumococcal, 95
 —, and blood, 252
 —, and —, platelets in idiopathic thrombopenic purpura, 346
 —, and capillary permeability, 189
 —, in carditis, rheumatic, 236 *bis*, 326 *bis*, 330*
 —, in colitis, ulcerative, 349
 —, continuous injection of, 187
 —, and Coxsackie virus infection, 92
 —, and dermatitis, exfoliative, 349
 —, —, gold, 191
 —, desensitizing action of, and thyroxine, 93
 —, in diabetic nephrotic syndrome, 96
 —, and diuresis in Addison's disease, 347
 —, —, and panhypopituitarism, 347, 254
 —, in dystrophy, muscular, menopausal, 96
 —, and electrophoretic serum studies, 247
 —, eosinopenic response to, 188
 —, and epilepsy in "L.E." phenomenon, 85
 —, excretion, endogenous, in man, 188
 —, intra-articular, 89, 249
 —, in joint infection, chronic, 350*
 —, and gastric ulcer, 255 *bis*
 —, in gold dermatitis, 191
 —, and granulation tissue, 184
 —, and haemorrhage shock, 189
 —, and hip, degenerative disease of, 240
 —, and hyaluronidase, 251
 —, in hypertension, essential, 91
 —, in hypopituitarism, 348
 —, and immunologic mechanisms including reversed anaphylaxis, 92
 —, and infection, resistance to, 183
 —, and L. *nor*-epinephrine, pressor response to, 191

- Cortisone in leukaemia, resistance to, 347
- * —, local, 191
 - , mental disturbances and, 350
 - , and metabolism of carbohydrates, 345
 - , and mustard gas, 256*
 - , in neurological disorders, 96
 - , and nodules, ocular, 182
 - , and oedema, renal, 348
 - * —, oral, in allergic disease, 191
 - , —, in arthritis, rheumatoid, 182
 - , —, clinical studies of, 186
 - , —, in paediatrics, 191, 256*
 - , —, and diuresis in Addison's disease, 256*
 - , —, in hypopituitarism, 256*
 - , —, alcaptonuric, 350*
 - , in osteo-arthritis of hip, 240
 - * —, in panniculitis, 84
 - , in periarteritis nodosa, 88
 - , in pericarditis, rheumatic, 327
 - , in pregnancy, toxæmia of, 95
 - , prolonged therapy, 89
 - , in poliomyelitis, 252
 - * —, in psychosis caused by ACTH, 191
 - , in rheumatic diseases, 90, 251
 - , in rheumatism, acute, 75, 86, 180, 181, 327, 330*
 - , —, response of serum polysaccharide and protein fractions, 328
 - , in sarcoidosis, 186 *ter*
 - , in scleromalacia perforans, 76
 - , in shoulder-hand syndrome, 90
 - , and skin homografts, 93
 - , —, reactions, 349
 - , in spondylitis, ankylosing, 241
 - , in sprue, non-tropical, 350
 - , in —, syndrome, 254
 - , in steatorrhoea, idiopathic, 254
 - , in Still's disease, 77, also 77* *bis*
 - , and sulphhydryl inhibition, 184
 - , therapeutic problems of, 190
 - , therapy at Purpan, 250
 - , and Thorn test, 256*
 - , thrombo-embolic complications and, 189, 191*
 - , in tuberculosis, 185 *bis*
 - , in —, pulmonary, 87, 94, 95
 - * —, and ultra-violet light, 191
 - , and water retention, 334
 - , in wound healing, 183, 190 *bis*
 - , acetate, effects of large doses of, 187
 - , (free alcohol) and cortisone acetate, 250
- Cortone: *see* Cortisone
- Coxsackie virus, 84
- , —, lethal infection with, of mouse given cortisone, 92
- Creatinine and urinary uric acid, effects of sodium salicylates on, 188
- Δ -5-pregnenolone, in rheumatoid arthritis, 90
- Denervation of carotid sinus in rheumatoid arthritis, 182
- Deoxycortone as rapid acting agent, 345
- , —, and stress in experimental arthritis treated with, 90
- Dermatitis exfoliative, cortisone in, 349
- , —, gold, cortisone in, 191
- 11-Desoxy-17-hydroxy corticosterone: *see* Compound S (Reichstein)
- Diabetes, cortisone and nephrotic syndrome in, 96
- , —, osteitis deformans in, 340
- Diagnosis of arthritis, rheumatoid, 77*
- Diastolic murmurs, auscultation of, 75
- Diathesis, hypertensive, experimental determination in man, 192
- Discography, 245
- Disk, intervertebral, bony bridges and, 338*
- , —, bony spurs on, 340
 - , —, cervical, hernia of, 81
 - , —, lumbar, hernia of, 81
 - , —, and neuritis, brachial, 242
 - , —, physiology of, 245
 - , —, surgery of, 244, 245, 246
 - , —, x-ray of, 342
 - , —, puncture, 245
- Dislocation, cervical, in ankylosing spondylitis, 337
- Dysplasia, periosteal, 191
- Dupuytren's contracture, 246
- , —, vitamin E in, 341*
- Electromyogram in rheumatoid arthritis, 332
- Embolism, systemic arterial, in rheumatic heart disease, 180
- Endocarditis, aortic, rheumatic, and ACTH, 350*
- , —, rheumatic, vascular changes in cardiac valves, 234
 - , —, subacute bacterial, with acute rheumatism, ACTH and antibiotics in, 327
 - , —, tuberculous, and rheumatic carditis, 235
- Eosinopenia and ACTH and cortisone, 188
- Eosinophils and sodium salicylates, 188
- Epilepsy in lupus erythematosus, 85
- *Erythrodermia, generalized, in psoriasis treated with ACTH, 191
- Excretion, urinary 17-ketosteroid, studied by new micro-chromatographic fractionation procedure, 190
- *Eye in arthritis, 82
- , —, inflammation of, nitrogen mustard in, 90
 - , —, in rheumatism, 192
 - , —, rheumatoid nodules of, cortisone in, 182
- Felty's syndrome, 239*
- , —, ACTH in, 90
 - , —, and hepatic parenchymal involvement, 336*
 - , —, splenectomy in, 77
- *Fever therapy in rheumatoid arthritis, 77
- Fibrinoid of rheumatoid nodule, 85
- Fibrosis, endocardial, differentiation from acute rheumatism, 326
- Fibrositis, 84, 246 *bis*, 343 *bis**
- *Fingers, ulnar deviation of, in rheumatoid arthritis, 77
- Fractionation procedure, a new micro-chromatographic, for study of urinary 17-ketosteroid excretion, 190
- Gentisate, plasma concentrations of, 329
- Gland, adrenal, adrenaline and noradrenaline concentrations in, 256
- , —, cortical secretion of, 92
 - , —, and hyaluronidase inhibition by salicylates, 347
 - , —, pituitary, and hyaluronidase inhibition by salicylates, 347
 - , —, salicylate and, in rats, 90, 91
 - , —, suprarenal, salicylate and, 91
- Glycosuria, renal, establishment of in hypertension, 91
- Gold dermatitis, ACTH and cortisone in, 191*
- , —, therapy, 239* *bis*
 - , —, in arthritis, rheumatoid, 78*, 87
 - , —, in Still's disease, 77*
- Gonadotrophin, chorionic, ACTH, and Adrenal-hyaluronidase relationship, 94
- Gout, Benemid in, 83
- , —, blood flow in, 82
 - , —, Heparin in, 333
 - , —, HPC in, 250
 - , —, kidney changes in, 343*
 - , —, Paget's disease and, 343*
 - , —, Paritol-C in, 333
 - , —, paraesthesia and pharyngeal manifestations of, 343*
 - , —, piperazine in, 343*
 - , —, osteitis deformans in, 340
- Haemophilia, 345
- Hand function rehabilitation in rheumatoid arthritis, 330
- , —, occupational therapy of, in rheumatoid arthritis, 239*
- Heberden's nodes and osteo-arthritis, 336
- Healing, ACTH and cortisone and, 183, 190
- , —, histological study of cortisone and, 190
- Heart disease: *see* Carditis
- Heparin in rheumatoid arthritis and gout, 333
- Hepatic parenchyma in Felty's syndrome, 336*
- Heredity in ankylosing spondylitis, 241*
- , —, in periodic arthralgia, 242
- Hernia of intervertebral disk, 81 *ter*
- Hip, arthritis, classification, 341*
- , —, prognosis, 337*
 - , —, of, prophylaxis, 337*
 - , —, in arthritis, rheumatoid, 75, *336, 342*
 - , —, arthroplasty of, 78, 240
 - , —, mobility of, 341*
 - , —, radiology of, in arthritis and spondylitis, 339
 - , —, in spondylitis, ankylosing, 336*
- Histopathology of rheumatoid arthritis, effects of ACTH and Cortone, 335
- Homografts, skin, and cortisone, 93
- Hormone implants, absorption of, 91
- , —, sexual, and joint pathology, 256*
 - , —, therapy plus salicylates in rheumatic fever, 180
- HPC: *see* Acid, 3-Hydroxy-2-phenyl cinchoninic
- Hyaluronidase, 342*
- , —, ACTH and, 85*
 - , —, and dermal barrier to dye-spread, 248
 - , —, inhibition of by salicylates, 347
- Hyaluronidase-adrenal relationship, 94
- Hydrocortisone injections, 249, 250
- *Hydroxyproline of rheumatoid nodule, 85
- 17-Hydroxycorticosterone, production of by adrenal cortex, 91
- , —, oral, in rheumatoid arthritis, 335
- 17-Hydroxycorticosteroids in peripheral blood, 188
- 17-Hydroxy-11 dehydrocorticosterone and ACTH in hypophysectomized rats, 183
- Hyperostosis, vertebral, senile ankylosing, *338 *bis*
- Hypertension, essential, cortisone and ACTH in, 91
- Hypochromasia and red cells, 344
- Hypoglycaemia spontaneous in rheumatoid arthritis, 88 *bis*
- Hypopituitarism, ACTH and cortisone in, 348
- , —, diuretic response to water in, and cortisone, 347
- Idiopathic steatorrhea: *See* Sprue, non-tropical
- , —, thrombopenic purpura, ACTH and cortisone in, 346
- Immunologic mechanisms, effect of ACTH and cortisone on, 92

- Implants, hormone, absorption of, 91
 —, placental, in arthritis, 341*
 —, pituitary, in arthritis, 331
 —, thyroid, in arthritis, 341* *bis*
 Infection, resistance to, ACTH, cortisone, STH and, 183
 Inflammation, rheumatic, neurogenic factor in, 192
 Insulin and hypoglycaemia, 88
 "Irgapyrin", 244*, 342*
 Iritis with spondylitis ankylopoietica, 79
 Ischaemia, peripheral, and joint disease, 337
- Japan, acute rheumatism in, 235*
 Joint, infections of, cortisone in, *350
 —, measurement of temperature in evaluating therapy, 88
 —, mobility of, 341*
 —, paediatric disorders of, 341*
 —, study of, by radiological enlargement, 82
- Kast's syndrome, 82
 17-Ketosteroid, urinary excretion of, 184, 190
 Kidney changes in gout, 343*
 —, dysfunction in rheumatoid arthritis, 239*
 —, lesions of, in scleroderma, 247
 Knee joint, arthrography of, 339
 —, examination of, 80
 Korea, South, acute rheumatism in, 235*
- *Lauron-endo: see Aurothioglycolanilide
 "L.E." phenomenon, 344
 L-nor-epinephrine, effect of ACTH and cortisone on pressor response to, 191
 Leukaemia, resistance to cortisone, ACTH, and folic acid, 347
 Leukaemoid changes and colchicine, 82
 Limb volume, measurement of, in experimental arthritis, 90
 Lupus erythematosus, systemic, epilepsy in, treated with ACTH and cortisone, 85
- Marrow, bone, and cortisone, 86
 Menopause, muscular dystrophy in, and cortisone, 96
 Mental disturbance, ACTH and cortisone, 350
 Metabolism, carbohydrate, and cortisone, 345
 —, Compound S and, 255
 —, testosterone and, 255
 Mineralocorticoid, from beef adrenal extract, 351*
 Miners, rheumatism in, 242
 Mobility of hip, 341*
 —, of joints, 341*
 Morquio-Braileford disease, 82
 Mucopolysaccharides, 84
 Muscle changes in rheumatoid arthritis and osteo-arthritis, 341*
 —, focal lesions of, in rheumatoid arthritis, 237
 —, histopathology of, 344
 —, skeletal, chemical constituents of, 85
 Mustine: see Nitrogen mustard
 Myasthenia gravis and ACTH, 185
 Myelogram in rheumatoid arthritis, 333
 Myelomatosis, ACTH and, 346
 Myocardial infarction and shoulder-hand syndrome, 83
 Myocarditis, rheumatic, Aschoff bodies and, 343
- Necrosis, fibrinoid in acute rheumatism, 328
 Nephrosis, lipid, and ACTH, 348
 Nerves, peripheral, focal lesions of, in rheumatoid arthritis, 237
 Neuritis, brachial, and intervertebral disk lesions, 242
 Neurogenic factor in rheumatic inflammation, 192
 Neurological disorders, cortisone in, 96
 Neuropathy, caused by bony spurs in cervical spine, 340
 Nitrogen mustard (ypcrit), 256*
 —, arthritis, rheumatoid, 90, 239*, 333 *bis*, 336*
 —, bronchial asthma, 90
 —, eye, inflammation of, 90
 Nodules, granulomatous rheumatoid, and vertebral lesions, 333
 —, rheumatoid, of the eye, cortisone in, 182
 —, scleral, 76
 —, subcutaneous, fibrinoid and hydroxyproline of, 85
 —, and tuberculosis, 247
- Noradrenaline concentrations in the glands, 256*
 Nucleus pulposus, herniation of, 244
- *Occupation and arthritis, rheumatoid, 77
 Occupational therapy of hand in arthritis, rheumatoid, 239*
 Oedema, renal, cortisone in, 348
 Osteitis deformans, 243, 340, 243*
 —, pubis, x ray therapy, 243
 Osteo-arthritis, alcaptonuric, cortisone in, 350*
 —, cervical, pain in, 337*
 —, and Heberden's nodes, 336
 —, of hip, 337 *bis**
 —, —, cortisone in, 240*
 —, —, ultrasonics in, 239
 —, of spine, 240*
 Osteoarthropathy, 78
 Osteochondrodystrophias deformans: see Morquio-Braileford disease
- Osteopathy, pelvic and extra pelvic, in rheumatoid spondylitis, 79
 Otitis adhesive and ACTH, 349
 Otosclerosis, ACTH in, 349
- Pabalate: see para-Aminobenzoic acid
 Paediatrics, acute benign pericarditis in, 327
 —, circulatory insufficiency in rheumatism, 75
 —, oral cortisone in, 191, 256*
 —, polyarthritis in, 78
 —, rheumatism in, 326, 330* *ter*
 —, —, infantile, 341*
 —, —, and tonsillectomy in, 329
 Paget's disease: see Osteitis deformans
 Pain, low back, 241* *bis*, 245
 —, —, and epidural vessels, 342
 —, sciatic, 241*, 245
 —, thoracic and anginal, in cervical osteo-arthritis, 337*
 Panhypopituitarism, ACTH and diuresis in, 254
 Panniculitis, 246
 —, relapsing, cortisone in, 84
 Paraesthesia in gout, 343*
 Paritol-C in rheumatic arthritis and gout, 333
 Penicillin as preventive of rheumatic fever, 181
 Periarthritis nodosa, cortisone in, 88
 Periarthritis of shoulder, 246, 343*
 —, —, tenosynovitis of biceps brachii in, 343*
 Pericarditis, acute benign, and rheumatic pericarditis, 327
 Perifascitis, plantar, and cortisone, 350*
 Peritendinitis crepitans, 246
 "Permalon" in rheumatism, 339
 Peyronie's disease, 246
 Pharynx, clinical manifestations of gout in, 343*
 Phenolsulphonphthalein and synovial permeability, 250
 Phenylbutazone (Butazolidin) in rheumatoid arthritis, 335, 336*
 Phenylephrine in acute rheumatism, 75
 Piperazine in gout, 343*
 Pitressin in rheumatoid arthritis, 236
 Placenta, ACTH in, 252
 Placental serum in rheumatoid arthritis, 332
 Plasma concentrations of gentisate, 329
 —, fibrinogen, ACTH and, 346
 —, and red cell corticalase in rheumatoid arthritis, *336
 —, uric acid, 83
 Pleonosteosis, pathology of, 338
 Poliomyelitis, hormone therapy, 253
 *Polyarthritis, chronic, in children, 78
 Porak and Durante's disease: see Dysplasia, periosteal
 Porters' disease: see Osteo-arthritis of spine
 Pregnenolone, 77, 86, 350*
 Pregnancy after acute rheumatism, 330*
 —, toxemia of, cortisone in, 95
 Progesterone in arthritis, rheumatoid, 90
 Protein, action of HPC on, 251
 —, fractions, response of, to cortisone in acute rheumatism, 328
 * —, metabolism in rheumatoid arthritis, 85
 *Psoriasis, ACTH in, and generalized erythrodermia, 191
 PSP: see Phenolsulphonphthalein
 *Psychology in rheumatoid arthritis, 78
 *Psychosis in ACTH therapy treated with cortisone, 191
 Purpan, experiments at, 250
 Pyrocatechol-3-carboxylic acid in acute rheumatism and rheumatoid arthritis, 328
 p-di-N-propylsulfamyl-benzoic acid: see Benemid
- Q-T interval in acute rheumatism, 181, 329
- Radiation sickness, ACTH in, 254
 Radiculitis, x-rays in, 79
 Radiology of arthritis, rheumatoid, 331
 —, of hip in arthritis, rheumatoid, and spondylitis, ankylosing, 336*, 339
 —, of intervertebral disks, 342
 —, and joint disease, 82
 Radiotherapy in arthritis, rheumatoid, 77*, 79
 —, in Bursitis, 79
 —, in osteitis pubis, 243
 —, in radiculitis, 79
 —, in spondylitis, ankylosing, 78
 —, in spondylosis, cervical, 248
 *Rehabilitation in arthritis, rheumatoid, 78
 *Reiter's syndrome, 82 *bis*
 Respiratory infection, penicillin in, to prevent rheumatic fever, 181
 Rheumatism, acute, ACTH in, 234, 327, 75*, 330*, 180, 181
 —, —, anaemia of, 181
 —, —, antibiotics in, 327
 —, —, capillary changes in, 328
 —, —, cell membranes defect in, 345*
 —, —, and central nervous system, 330*
 —, —, in childhood, 326
 —, —, and chorea, 330
 —, —, cortisone in, 180, 181, 75*, 86, 327, 328, 330*
 —, —, dermatological investigation, 236*

- Rheumatism, acute, with endocarditis, subacute bacterial, ACTH and antibiotics in, 327
 —, —, epidemic in Far East, 235*
 —, —, epidemiology and prophylaxis of, 330*
 —, —, fibroid necrosis in, 328
 —, —, and haemolytic streptococcus, 235*
 —, —, hormones plus salicylates in, 180
 —, —, HPC in, 250
 —, —, mortality from, 75*
 —, —, paediatric problems, 330* *ter*, 326
 —, —, pathogenesis, 330*
 —, —, pneumonitis in, 329
 —, —, and pregnancy, 330*
 —, —, prophylaxis by penicillin therapy of respiratory infection, 181
 —, —, Pyrocatechol-3-carboxylic acid in, 328
 —, —, Q-T interval in, 329, 181
 —, —, salicylates plus hormones in, 180
 —, —, sinus bradycardia in, 329
 —, —, and tonsillectomy, 329
 —, —, in Turkey, 236*
 —, —, in young adults, 234
 —, —, concepts of, 342*
 —, —, cortisone in, 90
 —, —, humoral factors in development of, 341*
 * —, ocular manifestations of, 192
 —, —, treatment, 341*
 —, —, infantile, 341*
 —, —, skeletal changes in, 341*
 Rose's test, 248
- Salicylate, action of, 342* *bis*
 —, —, and copper ("Permalon"), 339
 —, —, and glands, pituitary and suprarenal, 91
 —, —, and hormones in rheumatism, acute, 180
 —, —, and hyaluronidase inhibition, 347
 —, —, with *para*-aminobenzoic acid in rheumatoid arthritis, 76
 —, —, in pituitary gland observations, 90
 —, —, sodium, and creatinine and urinary uric acid, 188
 Salt-retaining hormone secreted by adrenal cortex, 351*
 Sanocrysin in rheumatoid arthritis, 336*
 Sarcoidosis and cortisone, 186 *ter*
 Sarcomata, synovial, 85
 Scalenus minimus muscle, 248
 —, —, syndrome, 343
 Sciatica, 83
 Scleroderma, kidney in, 247
 Scleromalacia perforans, 76
 Sclerosis, tuberos, osseous, lesions of, 243
 Serum complement in arthritis, rheumatoid, 78*
 —, —, electrophoretic studies of, 247
 —, —, iron in arthritis, rheumatoid, *336
 —, —, polysaccharide fractions and cortisone in rheumatism, acute, 328
 —, —, protein and ACTH, 346 *bis*
 Sheepcell agglutination in rheumatoid arthritis, *336 *bis*
 Shock, haemorrhagic, cortisone and vitamin B₁₂ in, 189
 Shoulder, arthrography of, 339
 Shoulder-hand syndrome, ACTH in, 90
 —, —, cortisone in, 90
 —, —, and myocardial infarction, 83
 Silicosis, ACTH and, 183
 Sjögren's syndrome, ACTH in, 90
 Skeletal changes in rheumatism, 341*
 Skin and nicotinic acid in arthritis, rheumatoid, *239
 —, —, reaction, ACTH and cortisone in, 349
 —, —, to dye-spread and hyaluronidase, 248
 * —, —, to ultra-violet light, cortisone and, 191
 —, —, in rheumatism, acute, 236*
 Somatrophic hormone and resistance to infection, 183
 Speranskii spinal pumping in arthritis, 243
 Spine, infectious lesions of, 241*
 —, —, cervical, bony spurs and neuropathy, 340
 * Splenectomy in Felty's syndrome, 77
 Splenin A and B in human serum, 252
 Spondylitis, ankylosing, 241 *ter**, 241 *bis*
 —, —, cervical dislocations in, 337
 —, —, diagnosis, 79*
 —, —, early symptoms, 79*
 —, —, hip joint in, 336*, 339
 Spondylitis, ankylosing, iritis with, 79
 —, —, juxta-discal bony bridges in, 338*
 —, —, natural history of, 337
 —, —, osteopathy in, 79
 * —, —, progressive, clinical types of, 79
 —, —, x rays in, 78
 Spondylolisthesis, 80
 —, —, reversed, 82
 Spondylosis, cervical, radiotherapy in, 248
 Sprue, non-tropical, cortisone in, 350
 —, —, hormone therapy in, 254
 Steatorrhoea, idiopathic, hormone therapy, 254
 Stenosis, mitral, valvulotomy in, 327
 Steroids other than cortisone in rheumatoid arthritis, 90
 STH: see Somatrophic hormone
 Still's disease, 77 *ter*, 238
 —, —, ACTH in, 87, 334
 —, —, and amyloidosis, 85*
 Streptococcus anavaccine in carditis, rheumatic, 235
 —, —, haemolytic in carditis, rheumatic, 235*
 Stress, effect of, on experimental arthritis treated with cortisone or deoxycortone, 90
 Sulfhydryl inhibition as an effect of ACTH and cortisone, 184
 Sulfosin: see Sulphur fever
 Sulphur fever in arthritis, rheumatoid, 76
 Symphysis pubis, changes in ankylosing spondylitis, 241
 Synovium, permeability of, 250
 —, —, and hormones, 256*
 —, —, sarcoma of, 85
- Temperature, intra-articular, 244
 —, —, in evaluation of therapy, 88
 Tenosynovitis, 246
 —, —, and peri-arthritis, 343*
 Tenovaginitis, stenosing, 343
 Testosterone in bone metastases, 349
 —, —, and nitrogen and electrolyte metabolism, 255
 Testosterone-propionate in infective arthritis, 249
 Thorn test and cortisone, 256*
 Thrombosis, leucocyte platelet, in carditis, rheumatic, ???
 Thyroxine and desensitizing action of ACTH and cortisone, 93
 Tissue, connective, and mucopolysaccharides, 84
 —, —, structure of, 344
 Tonsillectomy in children with rheumatism, 329
 Toxaemia of pregnancy, cortisone in, 95
 Trauma and arthritis, rheumatoid, 331
 Tuberculosis and carditis, rheumatic, 235
 —, —, cortisone and, 94, 95, 185 *bis*
 —, —, pulmonary, development of during cortisone and ACTH therapy, 87
 —, —, rheumatic nodules in, 247
 Turkey, rheumatism, acute, in, 236*
- Ulcer, gastric, hormone therapy in, 254
 —, —, peptic, hormone therapy in, 255
 Ultrasonics, 340, 341
 —, —, and spa treatment, 342*
 Ultra-violet light, cortisone and skin reaction to, 191*
 Urethritis with arthritis and conjunctivitis, 342*
 Uric acid metabolism, 83
 —, —, urinary, and creatinine, effect of sodium salicylates on, 188
 Urine, neutral 17-ketosteroids in, 184
- Valvulitis, rheumatic, anatomy of, 330*
 Valvulotomy in mitral stenosis, 327
 Vasography in arthritis, rheumatoid, 182
 Vertebrae, destruction of, and rheumatoid nodules, 333
 —, —, surgery of, 244
 Vessels, epidural, and low back pain, 342
 —, —, periarticular, angiography of, 337
 Virus infections, hormone therapy, 253
 Vitamin B₁₂ and haemorrhagic shock, 189
 Vitamin E in Dupuytren's contracture, 341*
- Water retention and cation exchange resins in cortisone therapy, 334
 Weber-Christian disease: see Panniculitis
- x ray: see Radiotherapy

INDEX TO AUTHORS OF ARTICLES ABSTRACTED

* indicates that only the title of a paper or article is given

- Adams, C. H., 236
Adlersberg, D., 254
*Aikawa, J. K., 345
Aitken-Swan, J., 242
*Alés Reinlein, J. M., 336
Alfred, K. S., 81
Allen, K. L., 340
Alrich, E. M., 190
American Medical Association:
 Council on Physical Medicine
 and Rehabilitation, 341
Ancona, V. C., 77
Anderson, E., 349
Anderson, G. E., 184
Angelides, A. P., 242
*Angenault, C., 342
*Annino, R., 350
Arbesman, C. E., 92
*Archer, B. H., 77
*Arjona Trigueros, E., 336
Arlet, J., 75, 250
*Armas Cruz, R., 239
Armbrust, C. A., 333
*Armstrong, J. R., 85
Aronson, W., 332
Asboe-Hansen, G., 251
Aschkenasy, A., 334
Ash, R., 327
Attal, C., 191
d'Aubigné, R. M., 78, 240
*Axelrod, B., 78

Badenoch, J., 254
Bargenstoss, A. H., 88, 333
Baird, M. M., 96
*Baker, B. L., 85
Baker, D. M., 247
Baldwin, J. S., 326, 329
Bangham, A. D., 183
*Banner, H., 239
Barnett, A. J., 82
*Barnes, A. R., 75, 180
Barr, J. S., 245
Barrett, T. F., 87
Barritt, A. S., 182
Barroso-Moguel, R., 234
Barry, A. P., 95
*Basset, G., 351
Batten, G. S., 185
Bauer, W., 78, 350
*Bayles, T. B., 78, 236
*Beach, M. W., 330
Belart, W., 81
Bellin, J., 349
*Bellott, A. L., 90
Bene, E., 88
Bennett, G. A., 78
*Bennett, K., 342
Benson, J. A., 255, 349
*Bergel, F., 90
Bergental, D. M., 234
*Berglund, K., 90
*Bertagna, L., 191
*Bertani, D. C., 350
*Berthier, L., 244
Bertram, L. F., 92
Bertrand, J., 235
Bertrand, L., 180
Besen, L. J., 332
Best, W. R., 253
Besterman, E. M. M., 75
*Bevans, M., 182
Beyk, J. C., 183
*Bichell, J., 90
*Bickel, W. H., 241, 333
Bidaut, H., 182

Bien, E. J., 85, *85
Billingham, R. E., 93
Bishop, C., 83
Bishop, P. M. F., 91, 237
Blanch-Terradas, F., 76
Bland, E. F., 180
*Blécourt, J. J. de, 241
*Blount, R. E., 235
*Böhmg, R., 330
Boland, E. W., 89, 250, 335
Bollinelli, R., 250
Bond, W. H., 344
Bonfils, S., 345
*Boone, J. A., 330
Boots, R. H., 240
*Borel, M., 191
Bottone, E., 348
*Bourel, M., 350
*Bourne, G. H., 90
Bousquet, G., 235
Boysen, X., 188
Bracher, C. A., 95
Briggs, J. N., 181
Briot, M., 94
Brogly, G., 342
*Brooke, E. M., 336
Brown, C. Y., 240, 249
Brown, E. M., 88
Brown, H., 255
Browne, E. M., 249
Browne, J. S. L., 183
Bruce, H. M., 256
*Brucel, P., 337
Brugsch, H. G., 86
*Bruynoghe, R., 248
Bullock, J. A., 328
Bunim, J. J., 85, 250, 326, 346
Burchenal, J. H., 347
Burns, A., 327
Burston, R. A., 347
*Bush, I. E., 351
Bywaters, E. G. L., 248

*Cabanne, F., 341
Cabitza, A., 82
Calazel, P., 250
Cameron, G., 348
Campione, K. M., 344
Carstensen, E. L., 340
Carter, J. P., 190
Cartwright, G. E., 252
Cauchoux, J., 78
Caughey, J. E., 238, 348
Cawley, E. P., 351
Cecchi, E., 84, 337
*Cerimele, E., 336
Certonciny, A., 89, 342
*Cervini, C., 256
Chalmers, T. M., 254
Chamberlain, E. N., 326
Chan, E., 79
Charnley, J., 244
*Chase, J. D., 77
Chasnoff, J., 248
*Chassagnon, C., 350
Choy, S. H., 192
Christo, E., 190
Civatte, J., 345
Clark, L. D., 350
Clayton, M. L., 337
Cobb, S., 350
Cobure, A., 247
Cochran, J. B., 181
*Cohen, A., 350
*Cohen, A. M., 351
*Cohen, D., 191

Colcher, H., 254
Cole, J. W., 190
Colpoys, F. L., 76
Comfort, M. W., 350
*Conestabile, E., 336
Conn, J. W., 91, 255
Constantine, A. G., 335
*Contreras, V., 239
Copeman, W. S. C., 237
Corcoran, A. C., 91
*Corelli, F., 90
Cope, C. L., 188
Cosgriff, S. W., 189
*Coss, J. A., 78
*Costa Bertani, G., 330
Coste, F., 181, 190, *191 *quatuor*,
 192, 330, 345, 350, 351 *bis*
Costero, I., 234, 330
Creger, W. P., 192
Crèvecoeur, M., 80
Crockett, C. L., 236
Cruikshank, B., 237
Cuellar, A., 329
Currie, J. P., 335
Curtis, A. C., 351

Daiber, A., 333
*Daguet, G., 342
Daley, R., 180
*Dalmases, R. de, 342
*D'Anelli, A., 350
Darnaud, C., 250
Daugherty, G. W., 348
*Dauphinee, J. A., 336
Davenport, M. E., 82
Davis, R. K., 76
*Davison, S., 77
DeBailey, M. E., 189
Debray, M., 235
Debré, R., 191
Delbarre, F., 190, 191 *bis*, 192, 345,
 *350, *351 *bis*
Delore, P., 235
deMoore, P., 88
*Denis, A., 343
*Denny, F. W., 330
Denard, Y., 250
*Depraître, R., 336
DeVore, J. K., 328
Dickerson, W. M., 243
Dingemanse, E., 87
*Distelheim, I. H., 191
Dodds, E. C., 237
Dorfman, A., 234
Dorfman, R. L., 90
*Douglas, W. W., 351
Douin, J., 83
Doxiadis, S. A., 181
Drachman, S. R., 254
Drury, M. I., 95
*Dumas, G., 240
*Dupois, P. V., 343
Dustan, H., 91
*Dutertre, J., 342

Edström, G., 331
Efferøse, P., 346
*Ehrenfeld, E. N., 351
*Ehrmann, G., 336
Eliel, L. P., 347
*Ensign, D. C., 90
Epstein, N. B., 183
Etcheverry, L. R., 333
Eyre-Brook, A. L., 245

- Fajans, S. S., 91, 187, 255
 *Favour, C. B., 78, 185
 *Fearnley, G. R., 235, 346
 Feinberg, R., 76
 Feldman, N., 82
 *Feller, A., 77
 Fenton, R., 343
 *Ferstil, A., 239, *336 bis
 Finch, S. C., 236
 Findlay, G. M., 253
 *Fineberg, J., 78
 Finkel, S., 329
 *Fischer, F., 351
 *Flavigny, H., 191
 *Fletcher, A. A., 336
 Fletcher, D. E., 331
 Flett, D. M., 329
 Folley, S. J., 91
 Fontaine, J., 82
 Ford, D. K., 326
 Forestier, J., 75, 89, *336, 342
 Forsham, P. H., 86, 186
 *Fortier, C., 191
 *Fraisie, H., 350
 *France, W. G., 248
 *France S. O., 77
 *Francon, F., 77, *79, 241, *244 bis, *337
 *Frantzell, F., 341
 Frawley, T. F., 186
 Fred, L., 87
 *Freedberg, A. S., 191
 Freeman, D. M., 326
 *Frenkel, M., 90
 Freyberg, R. H., 236
 *Fricke, F. J., 336
 *Friedlaender, A. S., 191
 Friedlaender, S., 191
 Friedman, S., 327
 *Friis-Hansen, B., 350
 Fry, E. C., 94
 Frykholm, R., 244, 246
 Gainer, J. H., 185
 Gall, E. A.,
 *Galli, T., 336
 Galmiche, P., *191 bis, 192
 Gammon, J., 252
 Garcia-Reyes, J., 186
 Gardner, W. J., 342
 Garofoli, C., 328
 Garrod, O., 347
 Garry, M. W., 332
 Gascard, E., 235
 *Gaucher, M., 85
 Geffen, T., 83
 Gelber, L. J., 79
 *Gelfand, M. L., 191
 Gerbay, F., 76
 *Gersten, J. W., 336
 *Ghormley, R. K., 241
 Gillespie, H. W., 82
 Gloor, P., 342
 Glyn, J. H. H., 237
 Glynn, L. E., 328
 *Godon, —, 256
 Gormsen, H., 346
 Gorrill, R. H., 237
 Goslings, J., 87
 Gottesman, E. D., 349
 Goudemand, M., 256
 Graber-Duvernay, J., 76, *337
 Gray, J. W., 87
 Gray, S. J., 255, 349
 Greene, R., 252
 Grekin, R. H., 351
 *Groen, J., 90
 Groff, R. A., 81
 Gross, R., 346
 Grumbach, R., 191
 *Grundy, H. M., 351
 Gudmundson, R., 88
 Guest, C. M., 79
 *Gutiérrez, A., 350
 Guzman, C., 333
 Gylling, M., 343
 *Gyri, W., 341
 Hall, T. N., 181, *236
 Halpern, B. N., 94
 *Hamilton, A. T., 77
 Hancock, T. J., 190
 Hangarter, W., 339
 Harboe, N., 346
 Harpur, E. R., 327
 *Harris, G. W., 191
 Harris, R. L., 80
 Harris, T. N., 76, 327
 Harrison, R. G., 249
 Hart, F. D., 241
 *Hartmann, F., 341
 Hay, J. D., 326
 Haydu, B. W., 236
 Haydu, G. G., 236
 Hascrick, J. R., 85
 Hauch, P. P., 339
 *Hayes, M. A., 85
 Headley, N. E., 335
 Heald, C. B., 246
 *Heide, E. C. V., 77
 *Heinlein, H., 342
 Hellbaum, A. A., 328
 *Hellinga, G., 90
 Hench, P. S., 180, 182, *350
 Henderson, E., 87
 *Henderson, E. D., 241
 Henly, A. A., 237
 Henry, W. L., 185
 Herbert, J. J., 76, *341, *342
 Herdan, G., 347
 Herschfus, J. A., 253
 Hess, E. L., 247
 Hetzel, B. S., 91
 *Higgins, A. R., 90
 Hijnmans, W., 87
 Hillman, R. W., 184
 *Himstedt, R., 79
 Hine, D. C., 91
 Hirsch, J. G., 329
 Hobson, D., 237
 Hodges, R. E., 250
 Holborow, E. J., 248
 Holden, W. D., 190
 Hollander, J. L., 76, 88, 240, 249
 Holmes, C. B., 96, 191
 *Holmes, J. H., 256
 Holt, C. L., 180
 Holt, J. F., 243
 Holtzer, A., 94
 Horsfall, F. L., 92
 Howard, E. M., 253
 Howard, J. M., 189
 Howard, R., 234
 Howard, R. M., 182
 Howe, G. W., 333
 Hudson, G., 347
 Hughes, C. R., 342
 Huis In't Veld, L. G., 87
 Humphreys, S. R., 252
 *Hunter, R. B., 256
 Hurst, J. W., 326
 Ingle, D. J., 187 bis
 *Ingemark, B. E., 341
 *Ivins, J. C., 241
 Jacobson, B. M., 346
 Jacobson, H. G., 79
 *Jacobsson, E., 330
 *Jacod, M. M., 343
 Jacqueline, F., 75, 89, *336, *338, 339
 *Järvinen, K. A., 191
 Jager, B. V., 251
 James, A., 348
 Janbon, M., 180
 Janes, J. M., 85, *241
 Janus, O., 188
 Jasinski, B., 86
 Jeffrey, M. R., 88 bis, *336
 Jenkins, D., 186
 Jessar, R. A., 240, 249
 Jessop, W. J. E., 95
 Jiménez Díaz, C., *239, 333
 Jones, H. L., 338
 *Jones, R. E., 90
 Johnson, A. L., 327
 Johnson, J. B., 185
 Johnson, L. G., 183
 Johnson, P. A., 77
 Joly, L., 241
 Karlson, A. G., 185
 Kassenaar, A. A. H., 87
 Kaufman, E. H., 251
 Keech, M. K., 248
 Keith, H. M., 348
 Kellgren, J. H., 188, 336, *342
 Kellie, A. E., 237
 Kelly, M., 192
 *Ketting, J., 341
 *Kendall, E. C., 77
 Kendell, H. W., 330
 Kennedy, B. J., 183
 Kersley, G. D., 88 bis
 *Keschner, H. W., 343
 *Kestler, O. C., 350
 Kilbourne, E. D., 92
 King, E. S. J., 239
 King, E. Q., 185
 Kirsner, J. B., 186, 225
 *Kissmeyer-Nielsen, F., 90
 Klotz, A. P., 255
 Knobloch, J. D., 181
 Knouse, R. W., 250
 Kornblum, D., 337
 *Krebs, G. C., 256
 Krohn, P. L., 93
 Krusen, F. H., 244
 *Kubicz, J., 236
 Kuhns, W. J., 252
 Kuipers, F., 87
 Kuipers, R. K. W., 249
 *Kunz, H. G., 336
 *Kurland, G. S., 191
 Kuttner, A. G., 326
 Labauge, R., 180
 Lac, G. du, 241
 *Lackington, C., 239
 Lacroque, F., 190
 *Laha, P. N., 343
 Lake, M., 243
 *Lamy, M., 77
 Lapidus, P. W., 343
 Laporte, C., 250
 Laszlo, D., 349
 Laurent, F., 190, *191
 Lawson, F. L., 248
 Lawrence, J. S., 242
 Layani, F., 334
 Leb, A., 182, 337
 *LeBus, H. E., 330
 Lehman, E. P., 190
 Lee, H. F., 327
 *Leeuw, J. de, 342
 Leff, M., 332
 *Lefkowitz, A. M., 90, 185
 Leger, L., 182
 Leites, B. G., 75
 LeMaistre, C. A., 94
 *Lendrum, B. L., 341
 *Leonhartsberger, F., 239
 *Lepping, C., 341
 Leucubia, T., 243
 Le Vay, D., 345
 Levin, M. H., 87
 Levy, F., 332
 Levy, M. D., 333
 Lewis, A. A. G., 254
 Lewis, R. A., 183
 Li, C. H., 187
 *Lightbody, J. J., 77
 Limarzi, L. R., 253
 Linco'n, R. B., 328
 Lindblom, K., 245
 Lindsay, J. F., 190
 Linquette, M., 256
 *Lipcomb, P. R., 241
 Lockie, L. M., 335
 Loewi, G., 328
 Logue, R. B., 326
 *Long, A. P., 235
 Long, C. H. N., 94, 252
 Long, D. A., 93
 *Longo, C., 256
 López García, E., *236, 333
 Lorrain, A., 256
 Losada, M., *77, 333
 Louis, L. H., 91, 255
 *Louyot, P., 240
 Lovelock, F. J., 186
 Lowman, E. W., 182
 *Lowry, R. D., 85
 Loxton, G. E., 345
 Lucherini, T., 84, 334, 337
 Lubke, A., 339
 *Lundar, J., 248

- Mc Alpine, H., 86
 Mc Call, M. F., 327
 *McCarthy, M., 330
 McCoy, J. E., 238
 McCrac, S., 188
 McDermott, W., 94
 McDonald, J. R., 85
 McEachern, D., 96 *bis*
 McEwen, C., 326
 McGowan, J. M., 83
 McIntosh, H. W., 96, 191
 McKenzie, K. G., 248
 McLachlan, A. E. W., 82
 MacLeod, E. K., 348
 McMorrow, K. J., 240
 *Magliocca, R., 90
 *Maignien-Courard, A., 192
 Maisterrera, J., 86
 Malapert, B., 235
 Mandel, L., 88 *bis*
 Mandel, W., 88
 *Mandl, F., 341
 *Mannetti, C., 336
 Manning, G. W., 86
 Manning, R. A., 86
 *Marinosci, A., 90
 Marshall, A. H. E., 95
 Materna, A., 338
 *Matrin, E., 341
 Massell, B. F., 181
 Matthews, J. D., 348
 Mattingly, T. W., 180
 Mauric, G., 94
 Mead, S., 332
 Meade, B. W., 329
 Medawar, P. V., 93
 Medine, M. M., 186
 Meister, L., 88
 *Melnik, M., 78
 Menkin, V., 189 *bis*
 Merchante, A., *239, 333
 *Mercedith, J., 239
 *Merliss, R. R., 78
 Merrick, E. Z., 87
 Meyer, K., 84
 Michotte, L., 328
 Middlemiss, J. H., 238
 Miles, A. A., 93
 Mirick, G. S., 184
 Mirouze, J., 340, *343
 Mitchell, H. S., 348
 Modern, F. W. S., 88
 *Monteil, H. du, 351
 Moore, H., 95
 Moore, H. C., 247
 Moore, J. A., 94
 Moore, R., 336
 *Morin, E., 78
 *Moura, A. de, 82
 Mozziconacci, P., 191
 Mueller, E. E., 332
 Muller, R., 234
 Mundy, W. L., 182
 Murphy, G. E., 343
 Muschenheim, C., 94
 Muters, A., 188
 *Myerson, R. M., 338

 *Natale, P., 336
 Nash, H. H., 337
 *Nassim, J. R., 239
 Naylor, A., 242
 Nelson, D. H., 188, 339
 Neter, E., 92
 Netzsche, H., 329
 *Neumayr, A., 336
 Nezamiz, J. E., 187
 Nielsen, S. E., 346
 Norcross, B. M., 335
 Norcross, P., 181
 *Nordenson, N. G., 90
 *Noyan, A., 236
 Numainville, L. J., 327

 O'Connell, F. B., 342
 O'Donnell, W. M., 187
 O'Donovan, D. K., 95
 *Ogrysl, M. A., 336
 *Olesky, S., 256
 Oleson, D., 234
 *Olhagen, B., 90
 Olmer, J., 235
 Olsen, A., 253

 Opsahl, J. C., 94, 252
 *Orbison, J. A., 235
 Orbison, J. L., 190
 Orlovskaya, G. V., 344
 *Ory, —, 256
 Osgood, C. K., 185
 *Ott, V. R., 338 *bis*
 Ottosen, P., 95
 Oury, M., 181, *191, *330

 Page, I. H., 91
 Paillot, J., 76, *341
 Palmer, J. G., 252
 Palmer, W. L., 186, 255
 *Paltrinieri, M., 342
 *Panos, T. C., 330
 Papper, S., 76
 Pare, J. A. P., 183
 Parkes, A. S., 256
 *Parkes, M. W., 90
 *Paton, W. D. M., 351
 *Patrono, V., 90
 Patterson, M., 236
 Paul, W. D., 250
 Pauwels, R., 334
 Pearson, O. H., 347
 Pelloji, M., 347
 Perez Tamayo, R., 329
 Perianes, J., *239, 333
 *Perroy, A., 342
 Perry, W. L. M., 93
 *Pescador, L., 236
 Peterman, E. A., 86
 *Pfluger, W., 341
 *Pickering, G. W., 351
 Piguett, B., *191 *ter*, *350
 Pillers, E. M. K., 347
 Pinniger, J. L., 327
 Plaats, G. J. van der, 82
 Plewes, L. W., 246
 *Pocock, D., 350
 Polley, H. F., 88, 180, 182
 Poncher, H. G., 253
 Popp, C. G., 95
 Poppi, A., 330
 Porter, A. N., 244
 Posner, A., 186
 *Post, M., 350
 Postel, —, 78
 Power, M. H., 348, 350
 *Praetorius, E., 83
 Pratesi, G., 328
 Prestrud, M. C., 187 *bis*
 Preux, T. de, 239
 *Price, A. E., 77
 Pruvot, P., 256
 Pump, K. K., 183
 Puyo, G., 334

 Querido, A., 87
 Quinn, B., 95
 *Quinn, J. P., 75
 *Quinn, R. W., 75

 Raftery, J. D., 77
 Ragan, C., 240
 *Ragan, C. A., 78
 Ramadier, —, 78
 *Rammekamp, C. H., 330
 Ramsey, A. S., 241
 Rand, R., 83
 Rantz, L. A., 192
 Rappaport, E. M., 80
 Rapport, M. M., 84
 Rathbun, J. C., 86
 *Rathscheck, R., 342
 Ravault, P. P., *337, *350
 Rawls, W. B., 77
 Reeves, E., 338
 Reifenstein, R. W., 255, 349
 Reimann, H. A., 242
 Renold, A. E., 86, 186
 Remvig, O., 334
 Renold, A. E., 86, 186
 *Reveno, W. S., 77
 Richards, H. J., 341
 *Richmond, J. B., 341
 Richmond, J. J., 78
 Riskaer, N., 349
 Rivo, J. B., 87
 *Rizzi, M., 336 *bis*
 Robbins, J. H., 243
 *Robert, P., 341

 Rogers, K. B., 344
 Rohn, R. J., 344
 Rolland, C. F., 348
 Ronse, L., 84
 Roques, E., 250
 Rose, D. L., *239, 330
 *Rose, I., 350
 Rosemberg, E., 183
 Rosenberg, E. F., 247
 Rosenblum, L. A., 80
 Rosendahl-Jensen, S., 238
 Roskam, J., 188
 Ross, J. F., 236
 *Ross, S. W., 85
 Rossien, A. X., 80
 *Rotes-Quérol, J., 338
 *Rousseau, J., 78
 Rowe, H. J., 334
 Rowley, K. A., 331
 Russell, P. W., 85

 Salvaing, J., 180
 *Samec, V., 336
 Samuels, L. T., 183, 252
 Savage, O., 237
 *Schaposhnik, F., 350
 Scarpellino, C. J., 327
 Schilling, A., 349
 *Schmid, J., 239, *336 *bis*
 Schmidt, H. L., 328
 Schneider, J., 342
 *Schneiderbauer, A., 336
 Schroeder, K., 76
 Schulman, C. A., 349
 Schultzer, G. P., 184
 *Schulze, E., 341
 *Schumacher, H., 342
 *Schumann, G. N., 235
 Schupbach, H. J., 185
 Schwan, H. P., 340
 Scott, F. E. T., 237
 Segal, M. S., 253
 Selye, H., 92, 183, *191
 Senise, N., 345
 Senz, E., 234
 *Serra-Peralba, A., 342
 Serre, H., 340, *343
 Settlege, P. H., 243
 *Sèze, S. de, 343
 Shapiro, R., 184
 Sharp, J. T., 251
 Shaw, E. G., 246
 Sheehan, H. L., 247
 Shenkin, H. A., 81
 *Shepherd, D. M., 256
 Shetlar, M. R., 328
 Shick, R. M., 88
 *Shuman, C. R., 84
 Shy, G. M., 96 *bis*
 Siecke, U., 346
 *Sigler, J. W., 90
 Siltzbach, L. E., 186
 Silver, A., 248
 *Simonart, E. F., 78
 *Simonart, F., 239
 *Simpson, S. A., 351 *bis*
 Simpson, W. W., 96
 *Simson, J., 250
 Singer, M. J., 88
 Slocumb, C. H., 180, 182
 Small, M. J., 186
 *Smith, C. H., 336
 Smith, H. L., *75, 180
 Smith, J. W., 246
 Smith, M. J. H., 329
 *Smith, T. W. D., 90
 Smull, K., 234
 Snorrason, E., *77 *bis*, *336
 Spiro, H. M., 255
 Sprechler, M., 334
 Squires, W., 236
 Sohler, W. D., 346
 Sokoloff, L., 251
 Solomon, D. H., 252
 Staechelin, A., 86
 *Stanbury, S. W., 256
 Stanford, B., 345
 Stein, R. H., 335
 Steinberg, C. LeR., 246
 Stetson, C. A., 235
 Stevenson, C., 236
 Stewart, J. W., 237
 Stillman, P. H., 182

- *Stoeber, E., 341
 *Störmer, A., 239
 Stone, D. J., 186
 Stoner, E. K., 88
 Streeter, R. B., 181
 Stumpe, W. M., 182, 184
 Sturgis, G. P., 181
 *Südthof, H., 342
 *Sumay, R. S. R., 330
 Sun, S. F., 79
 *Suter, K., 336
 Swan, D. M., 83

 Taber, K. W., 254
 *Tait, J. F., 351 *bis*
 Talbot, J. H., 335
 Talbot, N. B., 190
 Talbott, J. H., 83
 Talkov, R. H., 76
 Tangheroni, W., 348
 *Tantot, —, 350
 Taubenhaus, M., 184
 Taylor, A. B., 350
 Taylor, B., 184
 Taylor, K. B., 88 *bis*
 Taylor, R. D., 91
 Thompson, A. R., 246
 Thompson, H. E., 334
 Thorn, G. W., 86, 186
 Tillotson, J. F., 85
 Törnqvist, S., 192
 Tompsett, R., 94
 Torda, C., 185
 Toussaint, —, 241
 Traeger, C. H., 236
 *Traeger, J., 350 *bis*
 Traut, E. F., 344
 *Traverse, P. M. dc, 336
 *Troubat, N., 341
 Truelove, S. C., 241
 Tuccimei, G., 238

 *Tudvad, F., 350
 *Turney, H. F., 241
 Tyler, F. H., 188, 255
 Tweed, J. M., 237

 Vail, D., 82
 Valdés-Dapena, A., 247 *bis*
 *Valenzuela, F., 239
 Van Cauwenberge, H., 90, 188
 Van Creveld, S., 87
 Van De Berg, F., 80
 *Vaughan, J. H., 78
 Vaughan-Morgan, J., 252
 Veniali, G., 334
 Venning, E. H., 183
 Verez, P., 250
 Vesterdal, J., 334, *350
 Vignon, G., *244, *337
 Vignos, P. J., 90
 Videback, A., 346
 Virgin, W. J., 245
 Vogt, M., 92
 *Volhard, E., 241

 Wagner, E. L., 333
 Wakim, K. G., 244
 *Wallace, L. I., 239
 Walmsley, R., 246
 Walsh, G. C., 96
 Walt, F., 77
 *Wannamaker, L. W., 330
 *Ward, L. E., 90, 182, 333
 Wasserman, K., 331
 Wattebled, R., 235
 Weiford, E. C., 342
 *Weil, M. P., *77, *342
 *Wells, B. B., 85
 Weinbaum, J. G., 187
 Weinberg, M., 87
 *Weintraub, A., 341
 *Weissenbach, R. J., 79

 West, B. M., 349
 West, C. D., 255
 *West, G. B., 256
 Wheeler, C. E., 351
 White, P. D., 180
 White, R. G., 95
 Whitelaw, D. M., 96
 Whyte, H. M., 241
 Widmann, H., 83
 Wiesel, L. L., 182, 184
 Wilkins, L., 183
 *Wilkinson, J. M., 77
 Willardson, D. G., 188
 *Williams, P. O., 341
 Wilson, D. L., 186
 *Wilson, W. H., 77
 Wintrobe, M. M., 252
 Wise, R. E., 342
 *Wissler, H., 78
 Wolff, H. G., 185
 Wollaeger, E. E., 350
 Wolman, B., *191, *256, 327
 Wood, M., 190
 Woringer, E., 342
 Wright, C. S., 250
 *Wrigley, F., 90

 Yen, L. C., 240
 Yoffey, J. M., 347
 Young, F. G., 256
 *Young, H. H., 241
 Young, J. C. G., 349
 *Young, J. H., 79
 *Yrarrazaval, S., 191

 Zaides, A. L., 344
 Zheutlin, B., 351
 Ziff, M., 85, *85, 326
 Zimdahl, W. T., 234
 Zucker, E. M., 85
 Zygmuntowicz, A. S., 190

